

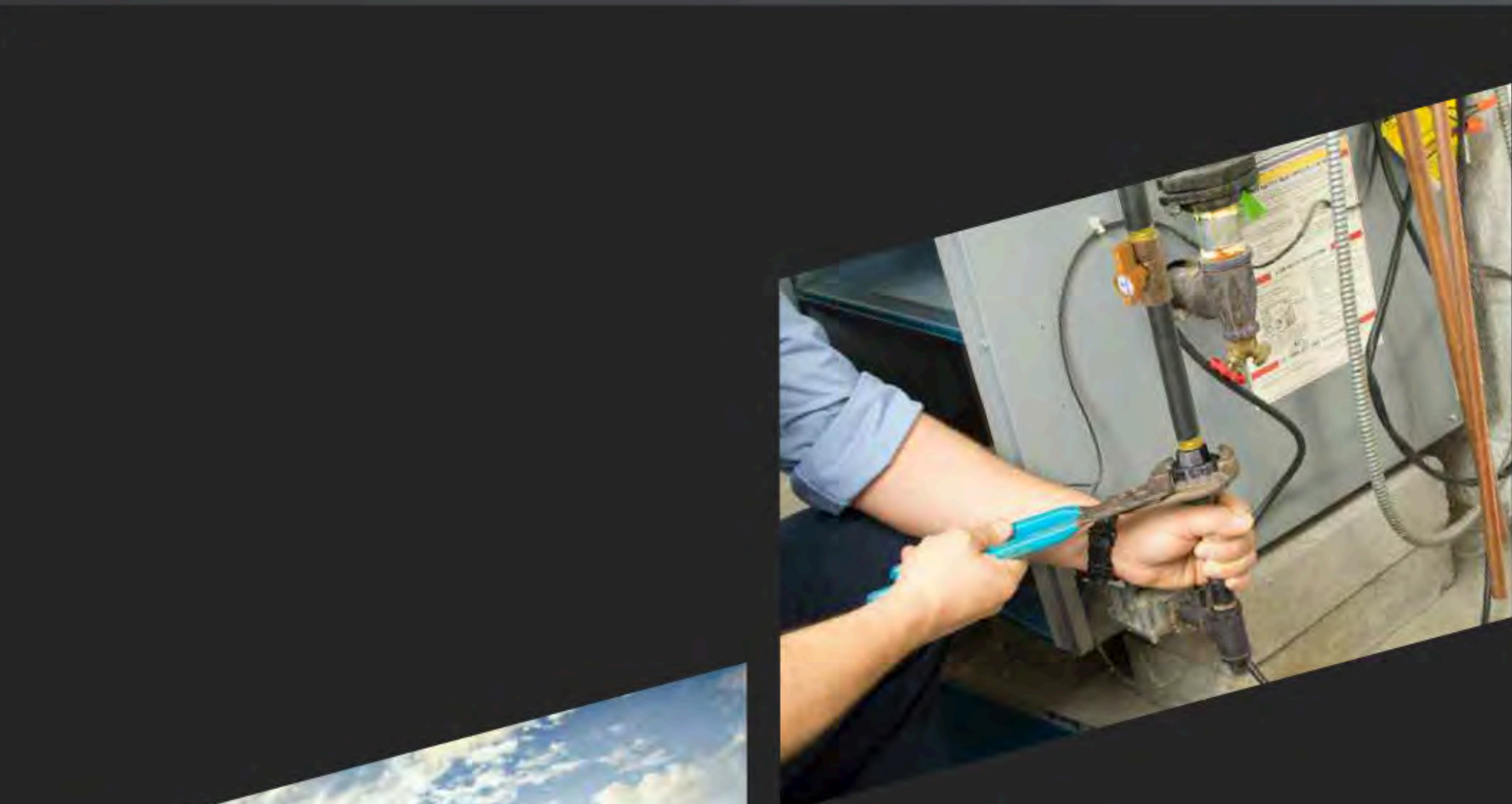


# MASTER CATALOG



## WAREHOUSE/ SALES LOCATIONS

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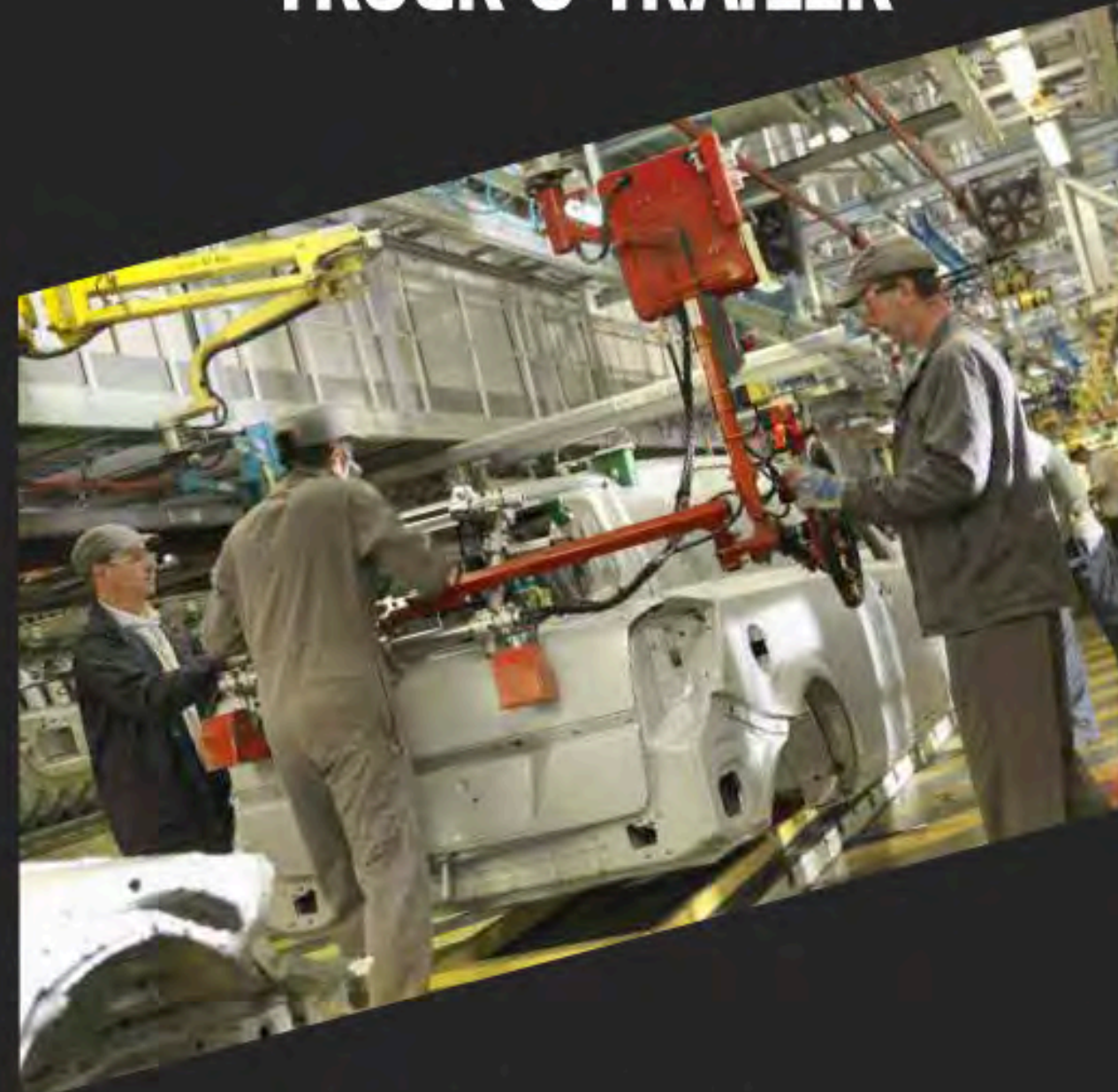
**GAS CONTROL**



**TRUCK & TRAILER**



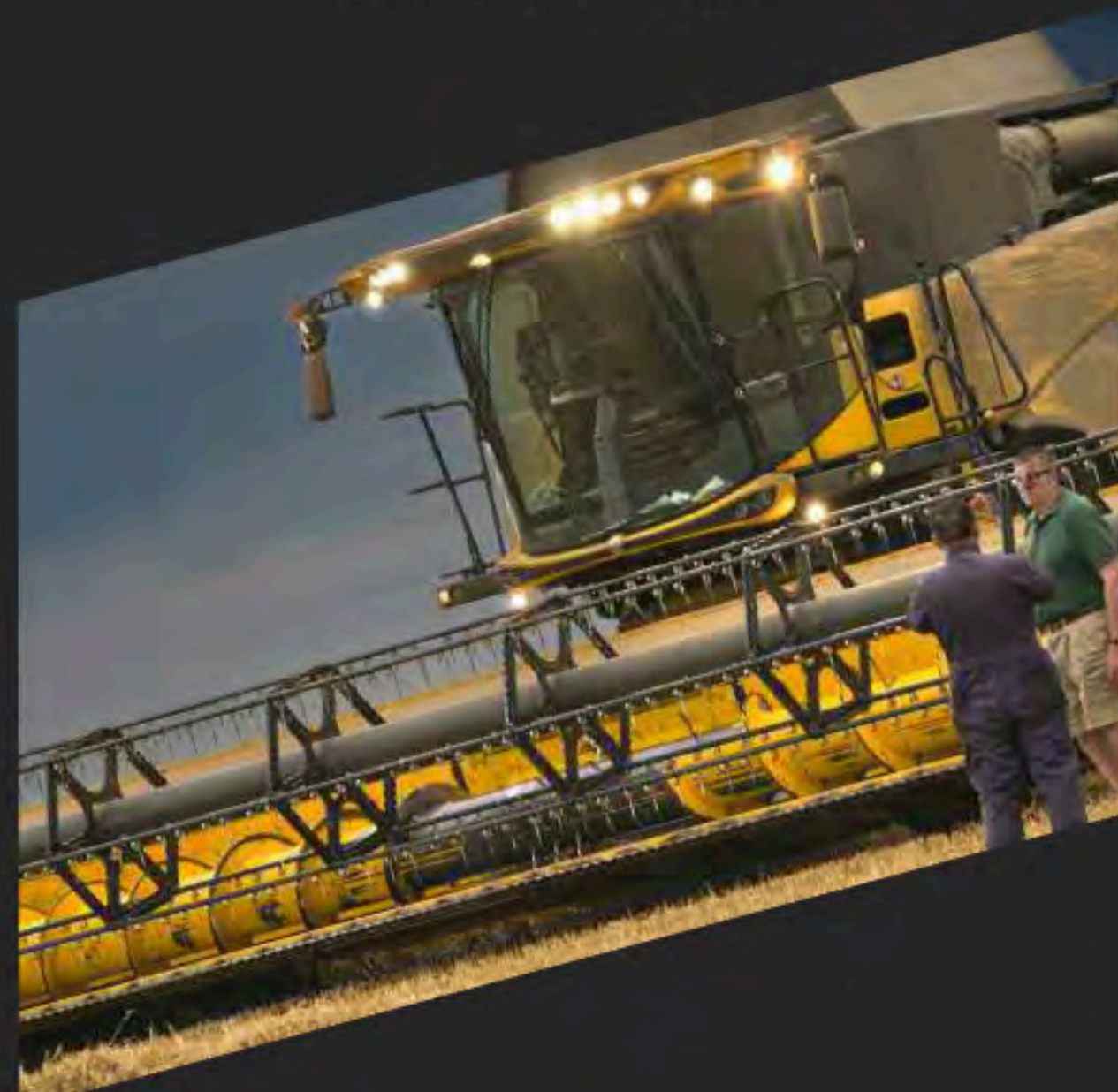
**R.V.**



**AUTOMOTIVE**



**PLUMBING**



**HYDRAULIC**



**INDUSTRIAL**

**FITTINGS &  
ADAPTERS**

**BARBS &  
HOSE ENDS**

**HOSE &  
ASSEMBLIES**

**TUBE**

**CLAMPS &  
TUBE STRAPS**

**COCKS &  
VALVES**

**QUICK  
DISCONNECTS**

**GAUGES &  
ACCESSORIES**

**GAS CONTROL  
COMPONENTS**

**TOOLS &  
ACCESSORIES**

**CABINETS  
& DISPLAYS**





**Fairview Ltd.  
Head Office  
Oakville, Ontario**



**Fairview USA Inc.  
Head Office  
Wheatfield, New York**

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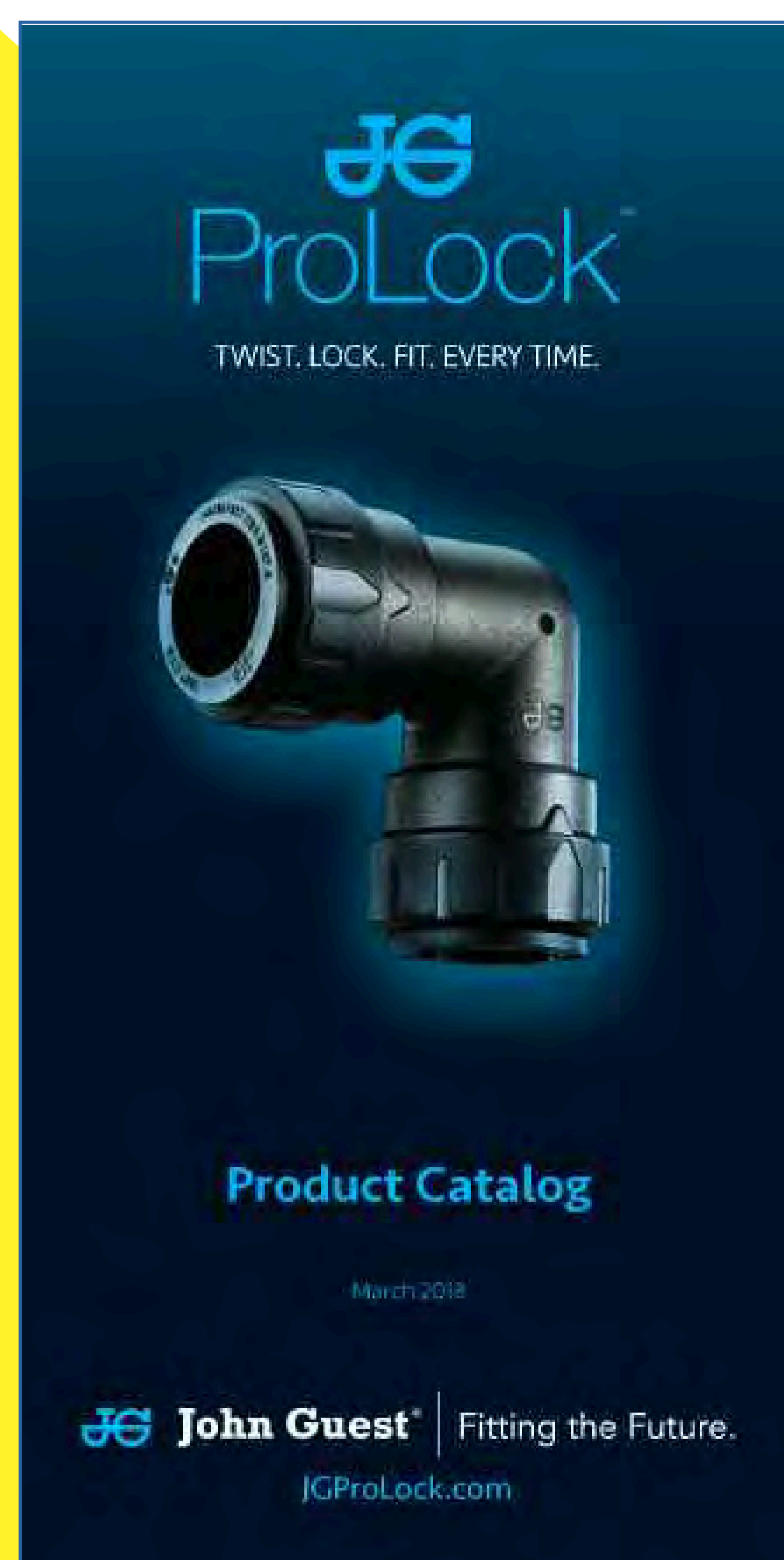
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A



### FORGED NUT Long Standard Type

| PART No. | Tube |
|----------|------|
| 39-4     | 1/4  |
| 39-5     | 5/16 |
| 39-6     | 3/8  |
| 39-8     | 1/2  |
| 39-10    | 5/8  |
| 39-12    | 3/4  |



### FORGED NUT Short Standard Type

| PART No. | Hex Size | Tube |
|----------|----------|------|
| 40-3     | 1/2      | 3/16 |
| 40-4     | 5/8      | 1/4  |
| 40-5     | 11/16    | 5/16 |
| 40-6     | 13/16    | 3/8  |
| 40-8     | 15/16    | 1/2  |
| 40-10    | 1-1/16   | 5/8  |
| 40-12    | 1-5/16   | 3/4  |
| 40-14    | 1-5/8    | 7/8  |

|         |        | Reducing   |
|---------|--------|------------|
| 40R-64  | 13/16  | 3/8 to 1/4 |
| 40R-86  | 15/16  | 1/2 to 3/8 |
| 40R-108 | 1-1/16 | 5/8 to 1/2 |



### MILLED NUT Short Type

| PART No. | Length | Tube |
|----------|--------|------|
| 41S-3    | 5/8    | 3/16 |
| 41S-4    | 3/4    | 1/4  |
| 41S-5    | 7/8    | 5/16 |
| 41S-6    | 7/8    | 3/8  |
| 41S-8    | 1      | 1/2  |

Lead Free

|          |     |     |
|----------|-----|-----|
| LF-41S-4 | 3/4 | 1/4 |
| LF-41S-6 | 7/8 | 3/8 |

#### FORGED NUTS

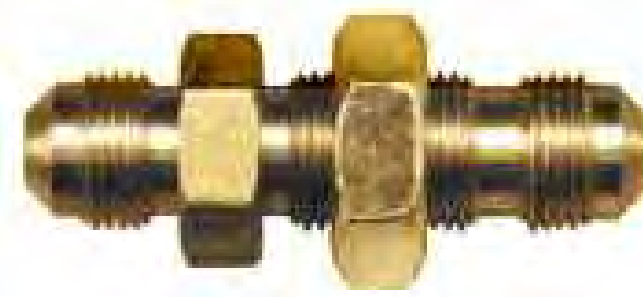
|          |       |     |
|----------|-------|-----|
| FO41S-6  | 7/8   | 3/8 |
| FO41S-8  | 1     | 1/2 |
| FO41S-10 | 1-1/8 | 5/8 |
| FO41S-12 | 1-1/2 | 3/4 |
| FO41S-16 | 1-3/4 | 1   |

NOTE: For reducing size use 40R series.



### MILLED NUT Long Type

| PART No. | Length | Tube |
|----------|--------|------|
| 41-3     | 13/16  | 3/16 |
| 41-4     | 15/16  | 1/4  |
| 41-5     | 1-1/8  | 5/16 |
| 41-6     | 1-5/16 | 3/8  |
| 41-8     | 1-5/8  | 1/2  |
| 41-10    | 1-7/8  | 5/8  |
| 41-12    | 2-3/16 | 3/4  |



### BULKHEAD UNION Tube to Tube

| PART No. | Tube | Description   |
|----------|------|---------------|
| 31-6     | 3/8  | INCLUDES L.N. |
| 31-8     | 1/2  | INCLUDES L.N. |

NOTE: Locknuts supplied in steel.

Note: Fairview 40 series flare nuts are hot forged and marked C37700 in accordance with CAN/CSA-B149 gas installation code requirements.



### TUBE COUPLING Female Flare to Female Flare

| PART No. | Tube |
|----------|------|
| 32-4     | 1/4  |
| 32-6     | 3/8  |



### TUBE COUPLING Swivel Flare (FORGED NUTS)

| PART No. | Tube |
|----------|------|
| 34-4     | 1/4  |
| 34-5     | 5/16 |
| 34-6     | 3/8  |
| 34-8     | 1/2  |
| 34-10    | 5/8  |
| 34-12    | 3/4  |

|        | Reducing   |
|--------|------------|
| 34R-64 | 3/8 to 1/4 |
| 34R-86 | 1/2 to 3/8 |

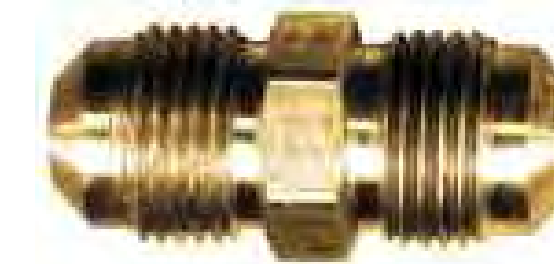


### TUBE COUPLING Female Flare to Male Flare

| PART No. | Tube Female | Tube Male |
|----------|-------------|-----------|
| 35-46    | 1/4         | 3/8       |
| 35-64    | 3/8         | 1/4       |
| 35-68    | 3/8         | 1/2       |
| 35-84    | 1/2         | 1/4       |
| 35-86    | 1/2         | 3/8       |
| 35-810   | 1/2         | 5/8       |
| 35-108   | 5/8         | 1/2       |

NOTE: Female size listed first in above part

Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.



### UNION COUPLING Tube to Tube

| PART No. | Tube |
|----------|------|
| 42-2     | 1/8  |
| 42-3     | 3/16 |
| 42-4     | 1/4  |
| 42-5     | 5/16 |
| 42-6     | 3/8  |
| 42-8     | 1/2  |
| 42-10    | 5/8  |
| 42-12    | 3/4  |

| PART No. | Reducing Tube |
|----------|---------------|
| 42R-64   | 3/8 to 1/4    |
| 42R-65   | 3/8 to 5/16   |
| 42R-84   | 1/2 to 1/4    |
| 42R-86   | 1/2 to 3/8    |
| 42R-106  | 5/8 to 3/8    |
| 42R-108  | 5/8 to 1/2    |
| 42R-128  | 3/4 to 1/2    |



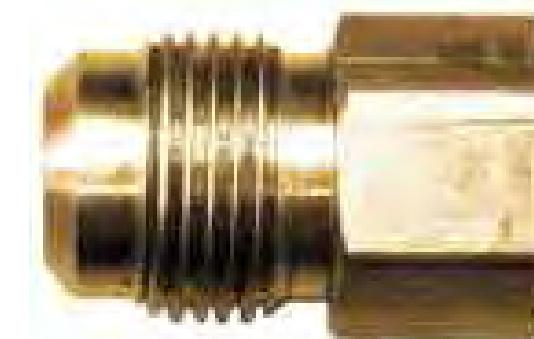
### CONNECTOR Female Flare to Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 30-6B    | 3/8  | 1/4  |



### CONNECTOR Female Flare to Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 33-4A    | 1/4  | 1/8  |
| 33-4B    | 1/4  | 1/4  |
| 33-6B    | 3/8  | 1/4  |
| 33-6C    | 3/8  | 3/8  |
| 33-8C    | 1/2  | 3/8  |
| 33-8D    | 1/2  | 1/2  |

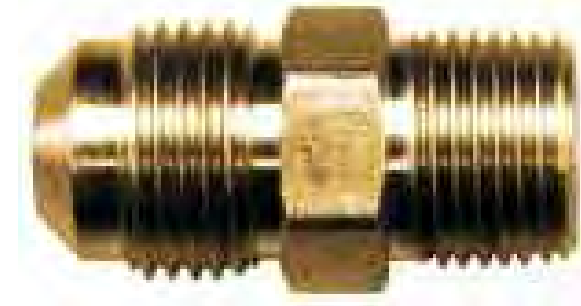


### CONNECTOR Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 46-3A    | 3/16 | 1/8  |
| 46-4A    | 1/4  | 1/8  |
| 46-4B    | 1/4  | 1/4  |
| 46-4C    | 1/4  | 3/8  |
| 46-4D    | 1/4  | 1/2  |
| 46-5A    | 5/16 | 1/8  |
| 46-5B    | 5/16 | 1/4  |
| 46-6A    | 3/8  | 1/8  |
| 46-6B    | 3/8  | 1/4  |
| 46-6C    | 3/8  | 3/8  |
| 46-6D    | 3/8  | 1/2  |
| 46-6E    | 3/8  | 3/4  |
| 46-8B    | 1/2  | 1/4  |
| 46-8C    | 1/2  | 3/8  |
| 46-8D    | 1/2  | 1/2  |
| 46-8E    | 1/2  | 3/4  |
| 46-10D   | 5/8  | 1/2  |
| 46-10E   | 5/8  | 3/4  |
| 46-12D   | 3/4  | 1/2  |
| 46-12E   | 3/4  | 3/4  |



A



### CONNECTOR Tube To Male Pipe

| PART No.         | Tube | Pipe |
|------------------|------|------|
| 48-2A            | 1/8  | 1/8  |
| 48-3A            | 3/16 | 1/8  |
| 48-4A            | 1/4  | 1/8  |
| 48-4B            | 1/4  | 1/4  |
| 48-4C            | 1/4  | 3/8  |
| 48-4D            | 1/4  | 1/2  |
| 48-5A            | 5/16 | 1/8  |
| 48-5B            | 5/16 | 1/4  |
| 48-5C            | 5/16 | 3/8  |
| 48-6A            | 3/8  | 1/8  |
| 48-6B            | 3/8  | 1/4  |
| 48-6C            | 3/8  | 3/8  |
| 48-6D            | 3/8  | 1/2  |
| 48-6E            | 3/8  | 3/4  |
| 48-8B            | 1/2  | 1/4  |
| 48-8C            | 1/2  | 3/8  |
| 48-8D            | 1/2  | 1/2  |
| 48-8E            | 1/2  | 3/4  |
| 48-10C           | 5/8  | 3/8  |
| 48-10D           | 5/8  | 1/2  |
| 48-10E           | 5/8  | 3/4  |
| 48-12D           | 3/4  | 1/2  |
| 48-12E           | 3/4  | 3/4  |
| 48-14E           | 7/8  | 3/4  |
| 48-16E           | 1    | 3/4  |
| 48-16H           | 1    | 1    |
| <b>Lead Free</b> |      |      |
| LF-48-4A         | 1/4  | 1/8  |
| LF-48-4C         | 1/4  | 3/8  |
| LF-48-6D         | 3/8  | 1/2  |
| LF-48-8C         | 1/2  | 3/8  |
| LF-48-8D         | 1/2  | 1/2  |



### 90° ELBOW Tube To Male Pipe

| PART No.         | Tube | Pipe |
|------------------|------|------|
| 49-2A            | 1/8  | 1/8  |
| 49-3A            | 3/16 | 1/8  |
| 49-4A            | 1/4  | 1/8  |
| 49-4B            | 1/4  | 1/4  |
| 49-4C            | 1/4  | 3/8  |
| 49-4D            | 1/4  | 1/2  |
| 49-5A            | 5/16 | 1/8  |
| 49-5B            | 5/16 | 1/4  |
| 49-5C            | 5/16 | 3/8  |
| 49-6A            | 3/8  | 1/8  |
| 49-6B            | 3/8  | 1/4  |
| 49-6C            | 3/8  | 3/8  |
| 49-6D            | 3/8  | 1/2  |
| 49-6E            | 3/8  | 3/4  |
| 49-8B            | 1/2  | 1/4  |
| 49-8C            | 1/2  | 3/8  |
| 49-8D            | 1/2  | 1/2  |
| 49-8E            | 1/2  | 3/4  |
| 49-10C           | 5/8  | 3/8  |
| 49-10D           | 5/8  | 1/2  |
| 49-10E           | 5/8  | 3/4  |
| 49-12D           | 3/4  | 1/2  |
| 49-12E           | 3/4  | 3/4  |
| 49-12H           | 3/4  | 1    |
| 49-16H           | 1    | 1    |
| <b>Lead Free</b> |      |      |
| LF-49-4A         | 1/4  | 1/8  |
| LF-49-4B         | 1/4  | 1/4  |
| LF-49-4C         | 1/4  | 3/8  |
| LF-49-8C         | 1/2  | 3/8  |
| LF-49-8D         | 1/2  | 1/2  |



### 90° ELBOW Tube To Swivel Female Flare

| PART No. | Tube |
|----------|------|
| 47-44    | 1/4  |
| 47-66    | 3/8  |



### 90° ELBOW Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 50-4A    | 1/4  | 1/8  |
| 50-4B    | 1/4  | 1/4  |
| 50-6A    | 3/8  | 1/8  |
| 50-6B    | 3/8  | 1/4  |
| 50-6C    | 3/8  | 3/8  |
| 50-6D    | 3/8  | 1/2  |
| 50-6E    | 3/8  | 3/4  |
| 50-8B    | 1/2  | 1/4  |
| 50-8C    | 1/2  | 3/8  |
| 50-8D    | 1/2  | 1/2  |
| 50-8E    | 1/2  | 3/4  |
| 50-10C   | 5/8  | 3/8  |
| 50-10D   | 5/8  | 1/2  |
| 50-10E   | 5/8  | 3/4  |
| 50-12D   | 3/4  | 1/2  |
| 50-12E   | 3/4  | 3/4  |



### 90° ELBOW Tube To Tube

| PART No.        | Tube       |
|-----------------|------------|
| 55-4            | 1/4        |
| 55-5            | 5/16       |
| 55-6            | 3/8        |
| 55-8            | 1/2        |
| 55-10           | 5/8        |
| 55-12           | 3/4        |
| <b>Reducing</b> |            |
| 55R-64          | 3/8 to 1/4 |
| 55R-84          | 1/2 to 1/4 |
| 55R-86          | 1/2 to 3/8 |
| 55R-108         | 5/8 to 1/2 |

**Note: Fairview 40 series flare nuts are hot forged and marked C37700 in accordance with CAN/CSA-B149 gas installation code requirements.**

Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.



### 45° ELBOW Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 54-4A    | 1/4  | 1/8  |
| 54-4B    | 1/4  | 1/4  |
| 54-4C    | 1/4  | 3/8  |
| 54-5A    | 5/16 | 1/8  |
| 54-5B    | 5/16 | 1/4  |
| 54-6B    | 3/8  | 1/4  |
| 54-6C    | 3/8  | 3/8  |
| 54-6D    | 3/8  | 1/2  |
| 54-8C    | 1/2  | 3/8  |
| 54-8D    | 1/2  | 1/2  |
| 54-10D   | 5/8  | 1/2  |
| 54-12D   | 3/4  | 1/2  |
| 54-12E   | 3/4  | 3/4  |



### TEE Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 36-4B    | 1/4  | 1/4  |
| 36-6B    | 3/8  | 1/4  |
| 36-6C    | 3/8  | 3/8  |
| 36-6D    | 3/8  | 1/2  |
| 36-8C    | 1/2  | 3/8  |
| 36-8D    | 1/2  | 1/2  |



### TEE Ends Male And Female Pipe Center Tube

| PART No. | Tube | Pipe |
|----------|------|------|
| 53-4A    | 1/4  | 1/8  |



### TEE Ends Tube And Male Pipe Center Tube

| PART No. | Tube | Pipe |
|----------|------|------|
| 51-4A    | 1/4  | 1/8  |
| 51-4B    | 1/4  | 1/4  |
| 51-6B    | 3/8  | 1/4  |
| 51-6C    | 3/8  | 3/8  |
| 51-6D    | 3/8  | 1/2  |
| 51-8C    | 1/2  | 3/8  |
| 51-8D    | 1/2  | 1/2  |
| 51-10D   | 5/8  | 1/2  |



A



**TEE  
Tube  
Three Ends**

| PART No. | Tube |
|----------|------|
| 44-2     | 1/8  |
| 44-3     | 3/16 |
| 44-4     | 1/4  |
| 44-5     | 5/16 |
| 44-6     | 3/8  |
| 44-8     | 1/2  |
| 44-10    | 5/8  |
| 44-12    | 3/4  |



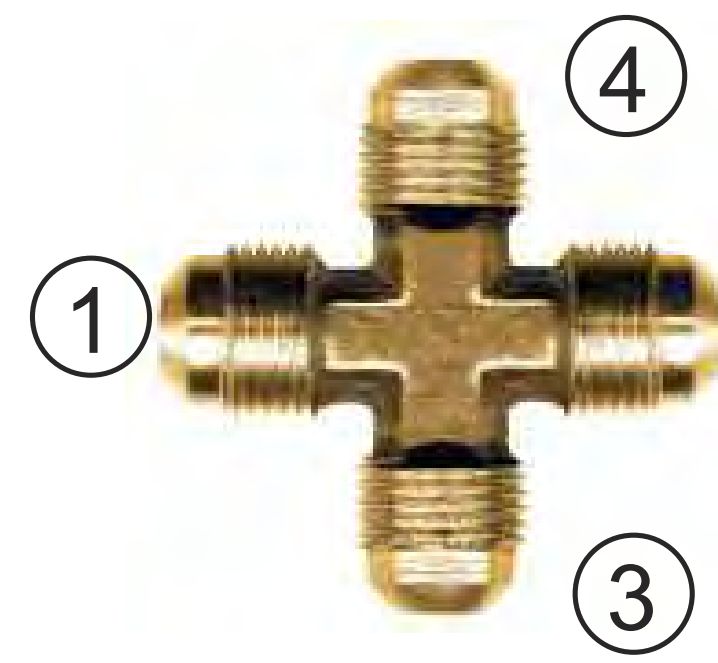
**TEE  
Tube  
Three Ends**

| PART No. | Reducing |     |     |
|----------|----------|-----|-----|
|          | 1        | 2   | 3   |
| 44R-64   | 3/8      | 3/8 | 1/4 |
| 44R-68   | 3/8      | 3/8 | 1/2 |
| 44R-84   | 1/2      | 1/2 | 1/4 |
| 44R-86   | 1/2      | 1/2 | 3/8 |
| 44R-866  | 1/2      | 3/8 | 3/8 |
| 44R-868  | 1/2      | 3/8 | 1/2 |
| 44R-810  | 1/2      | 1/2 | 5/8 |
| 44R-106  | 5/8      | 5/8 | 3/8 |
| 44R-108  | 5/8      | 5/8 | 1/2 |
| 44R-1088 | 5/8      | 1/2 | 1/2 |



**TEE  
Ends Tube  
Center  
Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 45-3A    | 3/16 | 1/8  |
| 45-4A    | 1/4  | 1/8  |
| 45-4B    | 1/4  | 1/4  |
| 45-5A    | 5/16 | 1/8  |
| 45-5B    | 5/16 | 1/4  |
| 45-6B    | 3/8  | 1/4  |
| 45-6C    | 3/8  | 3/8  |
| 45-6D    | 3/8  | 1/2  |
| 45-8B    | 1/2  | 1/4  |
| 45-8C    | 1/2  | 3/8  |
| 45-8D    | 1/2  | 1/2  |
| 45-10D   | 5/8  | 1/2  |
| 45-12D   | 3/4  | 1/2  |
| 45-12E   | 3/4  | 3/4  |



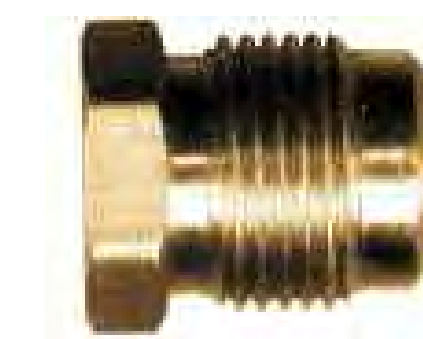
**CROSS  
Tube  
Four Ends**

| PART No. | Reducing |     |     |     |
|----------|----------|-----|-----|-----|
|          | 1        | 2   | 3   | 4   |
| 52-6     |          | 3/8 |     |     |
| 52-8     |          | 1/2 |     |     |
| 52R-866  | 1/2      | 3/8 | 3/8 | 3/8 |



**SEALING  
CAP NUT**

| PART No.             | Tube |
|----------------------|------|
| 56-4                 | 1/4  |
| 56HP-4 Heavy Pattern | 1/4  |
| 56-5                 | 5/16 |
| 56-6                 | 3/8  |
| 56-8                 | 1/2  |
| 56-10                | 5/8  |
| 56-12                | 3/4  |



**SEALING  
PLUG**

| PART No. | Tube |
|----------|------|
| 58-4     | 1/4  |
| 58-5     | 5/16 |
| 58-6     | 3/8  |
| 58-8     | 1/2  |
| 58-10    | 5/8  |
| 58-12    | 3/4  |



**COPPER  
FLARE  
GASKET**

| PART No. | Tube |
|----------|------|
| 59-4     | 1/4  |
| 59-6     | 3/8  |
| 59-8     | 1/2  |
| 59-10    | 5/8  |
| 59-12    | 3/4  |

**HVAC SERVICE KIT**

**Designed for HVAC Gas System Maintenance**

**PART No. FKGf-KIT-1 (Service Kit Selection)**

Includes a selection of products for the service / maintenance of gas systems.

Single sided carry case, with handle.



**Kit Dimensions**

Height: 11.75 In.  
Width: 14.5 In.  
Depth: 2.375 In.



*Gas Systems should only be maintained by Licensed Technicians.*

| Item  | Description                 | Qty. | PART No. | Description                 | Qty. | PART No.  | Description             | Qty. |
|-------|-----------------------------|------|----------|-----------------------------|------|-----------|-------------------------|------|
| 40-6  | 3/8 Flare Nut               | 3    | 49-8D    | 1/2 Flare to 1/2 Pipe Elbow | 1    | 61-3      | 3/16 Compression Nut    | 10   |
| 40-8  | 1/2 Flare Nut               | 2    | 56-4     | 1/4 Sealing Flare Cap Nut   | 4    | 61-4      | 1/4 Compression Nut     | 10   |
| 42-6  | 3/8 Flare Union             | 2    | 56-6     | 3/8 Sealing Flare Cap Nut   | 3    | 81-4N     | 1/4 Breakaway Pilot Nut | 10   |
| 42-8  | 1/2 Flare Union             | 2    | 56-8     | 1/2 Sealing Flare Cap Nut   | 2    | 121-M8UL  | Thread Sealant          | 1    |
| 48-6B | 3/8 Flare to 1/4 Pipe       | 2    | 58-4     | 1/4 Sealing Flare Plug      | 4    | BV5042-6  | 3/8 Flare Ball Valve    | 1    |
| 48-6C | 3/8 Flare to 3/8 Pipe       | 2    | 58-6     | 3/8 Sealing Flare Plug      | 3    | BV5042-8  | 1/2 Flare Ball Valve    | 1    |
| 48-6D | 3/8 Flare to 1/2 Pipe       | 2    | 58-8     | 1/2 Sealing Flare Plug      | 2    | GO100-72  | Orifice Repair Adapter  | 10   |
| 48-8C | 1/2 Flare to 3/8 Pipe       | 2    | 58-10    | 5/8 Sealing Flare Plug      | 2    | GO3020    | Pilot Broach Hex Handle | 3    |
| 48-8D | 1/2 Flare to 1/2 Pipe       | 2    | 60-2     | 1/8 Compression Sleeve      | 10   | TTSG-2    | Thread Sealant Tube     | 1    |
| 49-6B | 3/8 Flare to 1/4 Pipe Elbow | 2    | 60-3     | 3/16 Compression Sleeve     | 10   | PM-GFRB-1 | Reference Booklet       | 1    |
| 49-6C | 3/8 Flare to 3/8 Pipe Elbow | 2    | 60-4     | 1/4 Compression Sleeve      | 10   |           |                         |      |
| 49-8C | 1/2 Flare to 3/8 Pipe Elbow | 1    | 61-2     | 1/8 Compression Nut         | 10   |           |                         |      |



# R.V. FIELD KIT

## Designed for Recreational Vehicle Propane Gas Repairs



### PART No. FKRV-KIT-1 (R.V. Repair Selection)

This one sided case is designed for use in the field. Kit includes a selection of items to complete many Recreational Vehicle propane product repairs.



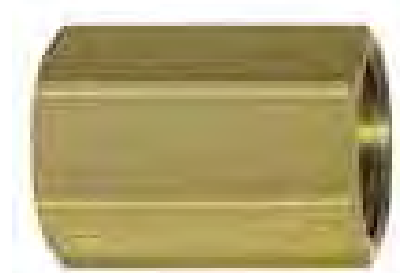
*Gas systems should only be maintained by licensed technicians.*

### Kit Dimensions

Height: 11.75 In.  
Width: 14.5 In.  
Depth: 2.375 In.

| Item  | Description              | Qty. | Item     | Description                       | Qty. | Item         | Description                            | Qty. |
|-------|--------------------------|------|----------|-----------------------------------|------|--------------|----------------------------------------|------|
| 34-6  | Tube Coupling 3/8 Swivel | 2    | 48-6B    | 3/8 Flare to 1/4 Pipe             | 3    | 148-4B       | 1/4 Inv. Flare to 1/4 NPT              | 2    |
| 34-8  | Tube Coupling 1/2 Swivel | 2    | 48-6C    | 3/8 Flare to 3/8 Pipe             | 3    | 149-4B       | 1/4 Inv. Flare to 1/4 NPT              | 2    |
| 40-6  | Nut 3/8 Flare            | 5    | 48-6D    | 3/8 Flare to 1/2 Pipe             | 2    | 2000         | Manifold Tee 1/4 Inv. Flare to 1/4 NPT | 1    |
| 40-8  | Nut 1/2 Flare            | 2    | 49-6C    | Elbow 3/8 Flare to 3/8 Pipe       | 2    | 2002         | Tailpiece Assembly 1/4                 | 2    |
| 42-6  | Union 3/8 Flare          | 3    | 50-6D    | Flanged Elbow 3/8 Flare X 1/2 FPT | 2    | 2003-T       | Tailpiece Assembly w/Excess Flow       | 2    |
| 42-8  | Union 1/2 Flare          | 1    | 55-6     | Elbow 3/8 Tube to Tube            | 2    | QD-GMRVN4-4M | Gas-Flo QD Nipple                      | 2    |
| 44-6  | Tee 3/8 Flare            | 2    | 56-6     | Sealing Cap Nut 3/8 Flare         | 3    | GR-1B-200    | 1-5/16 QCC1 Connector                  | 2    |
| 46-6B | 3/8 Flare to 1/4 FPT     | 2    | 56-8     | Sealing Cap Nut 1/2 Flare         | 2    | G3020        | Pilot Broach w/ Handle                 | 2    |
| 46-6C | 3/8 Flare to 3/8 FPT     | 2    | 58-6     | Sealing Plug 3/8 Flare            | 5    | TTSG-2       | Tube of Thread Sealant                 | 1    |
| 46-6D | 3/8 Flare to 1/2 FPT     | 2    | 81-4N    | Breakaway Pilot Nut 1/4           | 3    |              |                                        |      |
| 46-8D | 1/2 Flare to 1/2 FPT     | 1    | 121-M8UL | Thread Sealant Tape               | 1    |              |                                        |      |

## BRASS J.I.C. 37° FLARE



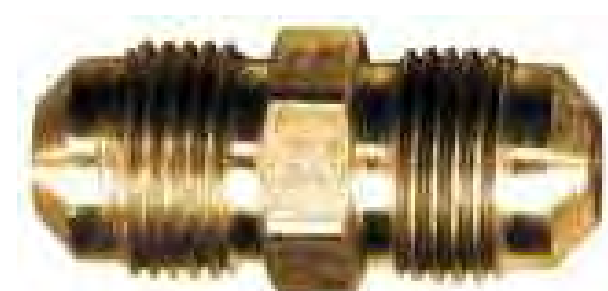
### NUT

| PART No. | Tube |
|----------|------|
| 3720-4   | 1/4  |
| 3720-6   | 3/8  |
| 3720-8   | 1/2  |



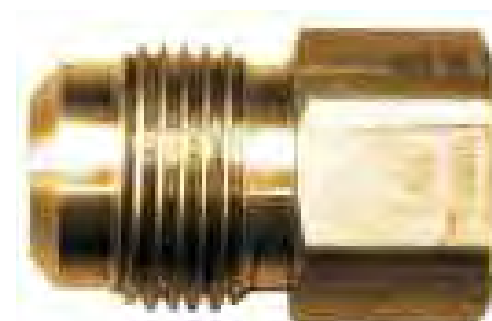
### SLEEVE

| PART No. | Tube |
|----------|------|
| 3721-4   | 1/4  |
| 3721-6   | 3/8  |
| 3721-8   | 1/2  |



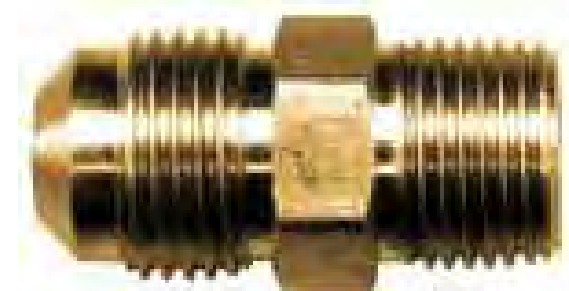
### UNION COUPLING

| PART No. | Tube |
|----------|------|
| 3742-4   | 1/4  |
| 3742-6   | 3/8  |
| 3742-8   | 1/2  |



### CONNECTOR Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 3746-6B  | 3/8  | 1/4  |
| 3746-8D  | 1/2  | 1/2  |



### CONNECTOR Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 3748-4A  | 1/4  | 1/8  |
| 3748-4B  | 1/4  | 1/4  |
| 3748-6A  | 3/8  | 1/8  |
| 3748-6B  | 3/8  | 1/4  |
| 3748-6C  | 3/8  | 3/8  |
| 3748-8C  | 1/2  | 3/8  |
| 3748-8D  | 1/2  | 1/2  |
| 3748-10D | 5/8  | 1/2  |
| 3748-12E | 3/4  | 3/4  |



### 90° ELBOW Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 3749-4A  | 1/4  | 1/8  |
| 3749-4B  | 1/4  | 1/4  |
| 3749-6B  | 3/8  | 1/4  |
| 3749-6C  | 3/8  | 3/8  |
| 3749-8C  | 1/2  | 3/8  |
| 3749-10D | 5/8  | 1/2  |
| 3749-12E | 3/4  | 3/4  |



### 45° ELBOW Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 3754-4B  | 1/4  | 1/4  |
| 3754-6B  | 3/8  | 1/4  |
| 3754-6C  | 3/8  | 3/8  |
| 3754-8C  | 1/2  | 3/8  |



### TEE Tube Three Ends

| PART No. | Tube |
|----------|------|
| 3744-4   | 1/4  |
| 3744-6   | 3/8  |

A



A



### BRASS NUT

| PART No. | Tube | Thread  |
|----------|------|---------|
| 141-3    | 3/16 | 3/8-24  |
| 141-4    | 1/4  | 7/16-24 |
| 141-5    | 5/16 | 1/2-20  |
| 141-6    | 3/8  | 5/8-18  |
| 141-8    | 1/2  | 3/4-18  |
| 141-10   | 5/8  | 7/8-18  |

### STEEL NUT

| PART No.    | Tube | Thread  |
|-------------|------|---------|
| S141-2      | 1/8  | 5/16-28 |
| S141-3      | 3/16 | 3/8-24  |
| S141-3-7/16 | 3/16 | 7/16-24 |
| S141-3-1/2  | 3/16 | 1/2-20  |
| S141-3-9/16 | 3/16 | 9/16-18 |
| S141-4      | 1/4  | 7/16-24 |
| S141-4-1/2  | 1/4  | 1/2-20  |
| S141-4-9/16 | 1/4  | 9/16-18 |
| S141-5      | 5/16 | 1/2-20  |
| S141-6      | 3/8  | 5/8-18  |
| S141-8      | 1/2  | 3/4-18  |
| S141-10     | 5/8  | 7/8-18  |



### SPECIALTY NUTS European Standard (Colors May Vary)

| PART No.     | Tube | Thread    |
|--------------|------|-----------|
| SE141-3      | 3/16 | M10 X 1.0 |
| SE141-3-11MM | 3/16 | M11 X 1.5 |
| SE141-3-12MM | 3/16 | M12 X 1.0 |
| SE141-3-13MM | 3/16 | M13 X 1.5 |



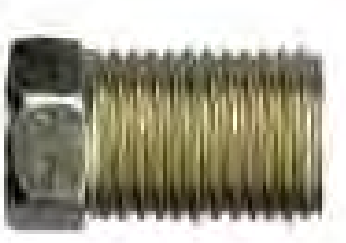
### Japanese Standard

| PART No. | Tube | Thread                       |
|----------|------|------------------------------|
| SJ141-3  | 3/16 | M10 X 1.0<br>(with 11mm Hex) |



### British Standard

| PART No. | Tube | Thread |
|----------|------|--------|
| SB141-3  | 3/16 | 3/8-24 |



### STEEL NUT (Long Style)

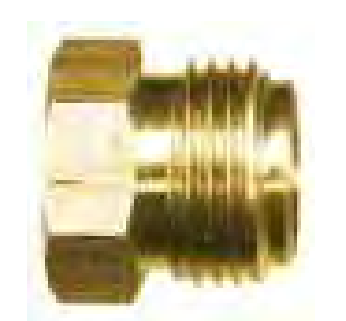
| PART No. | Tube |
|----------|------|
| SL141-3  | 3/16 |
| SL141-4  | 1/4  |

### European Standard

| PART No. | Tube | Thread    |
|----------|------|-----------|
| SLE141-3 | 3/16 | M10 X 1.0 |

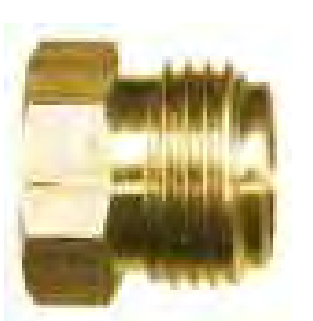
### Japanese Standard

| PART No. | Tube | Thread    |
|----------|------|-----------|
| SLJ141-3 | 3/16 | M10 X 1.0 |



### FUEL LINE NUT GM

| PART No.   | Tube | Thread     |
|------------|------|------------|
| SFL-5-14MM | 5/16 | 14mm X 1.5 |
| SFL-6-16MM | 3/8  | 16mm X 1.5 |



### SEALING PLUG

| PART No. | Tube |
|----------|------|
| PL141-3  | 3/16 |
| PL141-4  | 1/4  |
| PL141-5  | 5/16 |
| PL141-6  | 3/8  |



### UNION COUPLING Tube To Tube

| PART No. | Tube |
|----------|------|
| 142-2    | 1/8  |
| 142-3    | 3/16 |
| 142-4    | 1/4  |
| 142-5    | 5/16 |
| 142-6    | 3/8  |
| 142-8    | 1/2  |

### European Standard Union (Bubble Flare 10x1.0mm Thread)

| PART No. | Tube |
|----------|------|
| 142EU-3  | 3/16 |

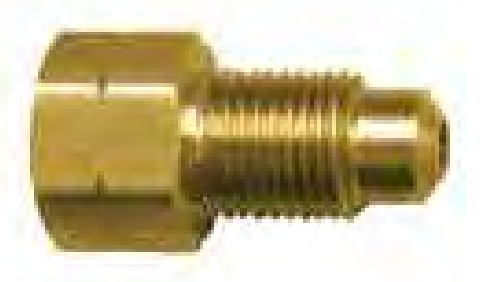
### Japanese Standard Union (10x1.0mm Thread)

| PART No.              | Tube |
|-----------------------|------|
| 142JA-3<br>(WH-7934A) | 3/16 |



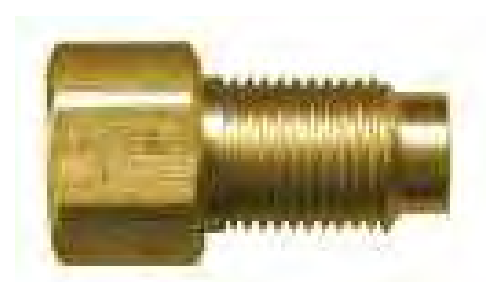
### UNION COUPLING Tube To Tube Metric Bubble Flare

| PART No. | Tube | Thread      |
|----------|------|-------------|
| 142MM-3  | 3/16 | M10.0 X 1.0 |



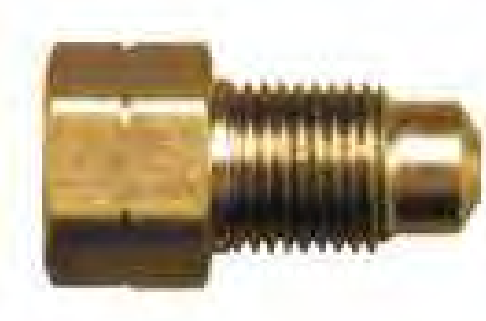
### ADAPTER Tube To Tube (European Std.) (Bubble Flare 10x1.0mm Thread)

| PART No.             | Male Tube | Female Tube   |
|----------------------|-----------|---------------|
| SE143-3<br>(WH-1442) | M10X1.0   | 3/16 (3/8-24) |



### ADAPTER Male Inverted (Japanese Std.) To Female Inverted

| PART No.             | Male Tube | Female Tube   |
|----------------------|-----------|---------------|
| SJ143-3<br>(WH-1443) | M10X1.0   | 3/16 (3/8-24) |



### DUAL MASTER CYLINDER ADAPTER

| PART No. | Male Tube | Female Tube |
|----------|-----------|-------------|
| WH-1441  | 3/16      | 3/16        |
| WH-7897  | 5/16      | 3/16        |



### METRIC ADAPTER Male Metric (Bubble Flare) To Female Tube

| PART No. | Male Tube | Female Tube    |
|----------|-----------|----------------|
| WH-7935  | M11X1.5   | 3/16 (M10X1.0) |
| WH-7936  | M12X1.0   | 3/16 (M10X1.0) |
| WH-7937  | M13X1.5   | 3/16 (M10X1.0) |



### DUAL MASTER CYLINDER ADAPTER

| PART No.  | Male Tube      | Female Tube    |
|-----------|----------------|----------------|
| WH-7727 * | 5/16           | 1/4            |
| WH-7732 * | 7/16-20        | 1/4            |
| WH-7817 * | 5/16           | 3/16           |
| WH-7908   | 1/4 (9/16-18)  | 1/4            |
| WH-7909   | 5/16           | 3/16           |
| WH-7910   | 3/16 (9/16-20) | 3/16           |
| WH-7911   | 3/16 (9/16-18) | 3/16           |
| WH-7912   | 5/16           | 3/16 (9/16-18) |
| WH-7913   | 3/16 (9/16-18) | 3/16 (1/2-20)  |
| WH-7915   | 5/16           | 3/8            |
| WH-7916   | 3/8            | 5/16           |
| WH-7917   | 1/4            | 5/16           |

\* Seals on Hex Face



# BRASS S.A.E. 45° INVERTED FLARE



A



**CONNECTOR**  
Tube To  
Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 148-2A   | 1/8  | 1/8  |
| 148-3A   | 3/16 | 1/8  |
| 148-4A   | 1/4  | 1/8  |
| 148-4B   | 1/4  | 1/4  |
| 148-5A   | 5/16 | 1/8  |
| 148-5B   | 5/16 | 1/4  |
| 148-6A   | 3/8  | 1/8  |
| 148-6B   | 3/8  | 1/4  |
| 148-6C   | 3/8  | 3/8  |
| 148-8B   | 1/2  | 1/4  |
| 148-8C   | 1/2  | 3/8  |
| 148-8D   | 1/2  | 1/2  |
| 148-10D  | 5/8  | 1/2  |
| 148-12E  | 3/4  | 3/4  |



**90° ELBOW**  
Tube To  
Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 150-4A   | 1/4  | 1/8  |
| 150-6B   | 3/8  | 1/4  |



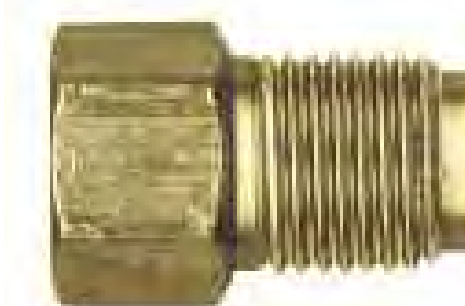
**TEE**  
Ends Tube  
Male Pipe  
Center Tube

| PART No. | Tube | Pipe |
|----------|------|------|
| 151-3A   | 3/16 | 1/8  |
| 151-4A   | 1/4  | 1/8  |
| 151-6B   | 3/8  | 1/4  |



**45° ELBOW**  
Tube To  
Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 154-3A   | 3/16 | 1/8  |
| 154-4A   | 1/4  | 1/8  |
| 154-6B   | 3/8  | 1/4  |
| 154-8C   | 1/2  | 3/8  |



**CONNECTOR**  
Female Tube  
To  
Male Tube

| PART No. | Female Tube | Male Tube |
|----------|-------------|-----------|
| WH-7818  | 3/16        | 1/4       |
| WH-7828  | 1/4         | 3/16      |
| WH-7829  | 1/4         | 5/16      |



**90° ELBOW**  
Tube To  
Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 149-2A   | 1/8  | 1/8  |
| 149-3A   | 3/16 | 1/8  |
| 149-4A   | 1/4  | 1/8  |
| 149-4B   | 1/4  | 1/4  |
| 149-5A   | 5/16 | 1/8  |
| 149-5B   | 5/16 | 1/4  |
| 149-6A   | 3/8  | 1/8  |
| 149-6B   | 3/8  | 1/4  |
| 149-6C   | 3/8  | 3/8  |
| 149-8C   | 1/2  | 3/8  |
| 149-8D   | 1/2  | 1/2  |
| 149-10D  | 5/8  | 1/2  |
| 149-12D  | 3/4  | 1/2  |



**TEE**  
Tube  
Three Ends

| PART No. | Tube |
|----------|------|
| 144-3    | 3/16 |
| 144-4    | 1/4  |
| 144-5    | 5/16 |
| 144-6    | 3/8  |



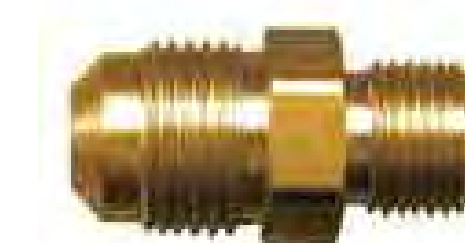
**CONNECTOR**  
Tube To  
Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 146-3A   | 3/16 | 1/8  |
| 146-4A   | 1/4  | 1/8  |
| 146-6B   | 3/8  | 1/4  |



**TEE**  
Ends Tube  
Center  
Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 145-3A   | 3/16 | 1/8  |
| 145-4A   | 1/4  | 1/8  |



**CONNECTOR**  
45° Flare To  
Male Inverted  
Flare

| PART No. | Flare | Tube |
|----------|-------|------|
| WH-1522  | 1/4   | 1/4  |
| WH-1554  | 3/8   | 7/16 |

## BRAKE LINE NUT AND ADAPTER KIT

### Service Kit Selection: PART No. BLN-KIT-1

Fairview's Brake Line Nut and Adapter kit provides the most popular brake line fittings all in a light weight compact kit. It is ideal for any shop.

Flip-top carry case.



| PART No.    | Description           | Qty. | PART No.     | Description                  | Qty. |
|-------------|-----------------------|------|--------------|------------------------------|------|
| 142-3       | Union, 3/16 FINV FL   | 10   | SE141-3      | Steel Nut, Euro,3/16         | 10   |
| 142-4       | Union, 1/4 FINV FL    | 10   | SE141-3-11MM | Steel Nut, Euro,3/16,11MM    | 6    |
| 142-5       | Union, 5/16 FINV FL   | 4    | SE141-3-12MM | Steel Nut, Euro,3/16,12MM    | 6    |
| 142EU-3     | Union, 3/16, Euro     | 1    | SE141-3-13MM | Steel Nut, Euro, 3/16,13MM   | 6    |
| 142JA-3     | Union, 3/16, Japanese | 1    | SE143-3      | Adapter, Euro, 3/16          | 1    |
| S141-3      | Steel Nut, 3/16       | 10   | SFL-5-14MM   | Fuel Line Nut, 14MM, GM      | 4    |
| S141-3-7/16 | Steel Nut, 3/16x7/16  | 10   | SFL-6-16MM   | Fuel Line Nut, 16MM, GM      | 4    |
| S141-3-1/2  | Steel Nut, 3/16x1/2   | 10   | SJ141-3      | Steel Nut,Japanese, 3/16     | 5    |
| S141-3-9/16 | Steel Nut, 3/16x9/16  | 6    | SJ143-3      | Adapter, Japanese, 3/16      | 1    |
| S141-4      | Steel Nut, 1/4        | 10   | SL141-3      | Steel Long Nut, 3/16         | 10   |
| S141-4-1/2  | Steel Nut, 1/4x1/2    | 6    | SL141-4      | Steel Long Nut,1/4           | 10   |
| S141-4-9/16 | Steel Nut, 1/4x9/16   | 6    | SLJ141-3     | Long Nut,10MMx1.0, VW/Toy/GM | 5    |
| S141-5      | Steel Nut, 5/16       | 6    |              |                              |      |

**Overall:**  
Height 6-7/8 inches  
Width 10-3/4 inches  
Depth 1-3/4 inches

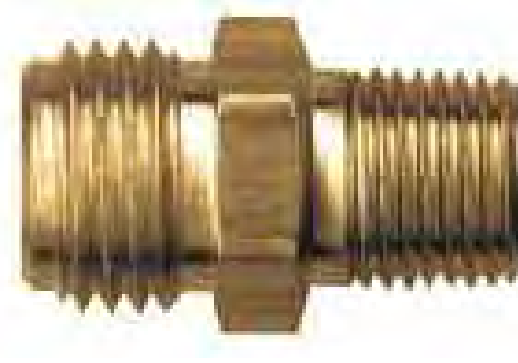


A



**METRIC POWER STEERING ADAPTER**  
Female Inverted Flare To Metric Male Thread

| PART No. | Tube | Thread  |
|----------|------|---------|
| WH-1446  | 3/8  | M16X1.5 |
| WH-1447  | 3/8  | M18X1.5 |



**FUEL LINE ADAPTER**  
Male Inverted Flare To Male Pipe

| PART No. | Tube   | Pipe |
|----------|--------|------|
| WH-1514  | 1/2-20 | 1/8  |



**THROTTLE STOP**

PART No. WH-1548



**INVERTED FLARE BRAKE FITTING**

| PART No. | Tube | Bolt Hole |
|----------|------|-----------|
| WH-7709  | 1/4  | 19/32     |



WH-7812 90 Bend with hook.

**INVERTED FLARE STRAP TEE ASSEMBLY**



| PART No. | Tube | Bolt Hole    |
|----------|------|--------------|
| WH-7812  | 3/16 | 11/32 (hook) |
| WH-7765  | 1/4  | 11/32 (flat) |



**INVERTED FLARE REAR AXLE TEE**

| PART No. | Tube Seat | Bolt Hole | Hose Port |
|----------|-----------|-----------|-----------|
| WH-7805  | 3/16      | 9/32      | 3/8-24    |



**INVERTED FLARE TOWED TRAILER BRAKE TEE**

| PART No. | Tube |
|----------|------|
| WH-7900  | 3/16 |



**GASOLINE SHUT-OFF with SCREEN FILTER**

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| WH-6600  | 1/4       | 1/8  |

## BRASS THREADED SLEEVE TUBE FITTINGS

(FOR USE WITH BLT TUBE: PAGE 150)



**NUT**

| PART No. | Tube |
|----------|------|
| 181-2    | 1/8  |
| 181-3    | 3/16 |
| 181-4    | 1/4  |



**CONNECTOR Tube To Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 188-2A   | 1/8  | 1/8  |
| 188-3A   | 3/16 | 1/8  |
| 188-4A   | 1/4  | 1/8  |
| 188-6B   | 3/8  | 1/4  |



**90° ELBOW Tube To Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 189-2A   | 1/8  | 1/8  |
| 189-4A   | 1/4  | 1/8  |

## AIR SHIFT TRANSMISSION KITS

Fairview's air shift transmission kit has a selection of fittings in a light weight compact kit.



Split sleeve compression fittings

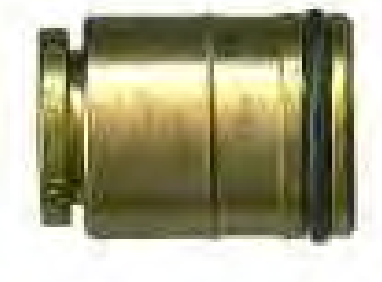


**PART No. ASTM-KIT**

| PART No.    | Description                    | Qty. |
|-------------|--------------------------------|------|
| 862-2       | Union, 1/8 Tube                | 3    |
| 862-2-1/2   | Union, 5/32 Tube               | 3    |
| 868-2-1     | Connector, 1/8 Tube 1/16 Pipe  | 3    |
| 868-2-1/2-1 | Connector, 5/32 Tube 1/16 Pipe | 3    |
| 868-2-1/2A  | Connector, 5/32 Tube 1/8 Pipe  | 3    |
| 868-2A      | Connector, 1/8 Tube 1/8 Pipe   | 3    |
| 869-2-1/2A  | Elbow, 5/32 Tube 1/8 Pipe      | 3    |
| 869-2A      | Elbow, 1/8 Tube 1/8 Pipe       | 3    |

**Kit Dimensions**  
Height: 3.50 In.  
Width: 6.25 In.  
Depth: 1.25 In.

Fairview's push-to-connect air shift transmission kit has a selection of fittings in a light weight compact kit.



Push-to-connect fittings



**PART No. ASTM-KIT-PC**

| PART No.     | Description                    | Qty. |
|--------------|--------------------------------|------|
| PC62-2       | Union, 1/8 Tube                | 3    |
| PC62-2-1/2   | Union, 5/32 Tube               | 3    |
| PC68-2X1     | Connector, 1/8 Tube 1/16 Pipe  | 3    |
| PC68-2-1/2-1 | Connector, 5/32 Tube 1/16 Pipe | 3    |
| PC68-2-1/2A  | Connector, 5/32 Tube 1/8 Pipe  | 3    |
| PC68-2A      | Connector, 1/8 Tube 1/8 Pipe   | 3    |
| PC69-2-1/2A  | Elbow, 5/32 Tube 1/8 Pipe      | 3    |
| PC69-2A      | Elbow, 1/8 Tube 1/8 Pipe       | 3    |

**Kit Dimensions**  
Height: 3.50 In.  
Width: 6.25 In.  
Depth: 1.25 In.



## BRASS AIR SHIFT TRANSMISSION FITTINGS

A



**SLEEVE**

| PART No.  | Tube | Fuller No. |
|-----------|------|------------|
| 860-2     | 1/8  | 83001      |
| 860-2-1/2 | 5/32 | 83002      |



**UNION  
COUPLING**

| PART No.  | Tube | Fuller No. |
|-----------|------|------------|
| 862-2     | 1/8  | 84101      |
| 862-2-1/2 | 5/32 | 84102      |



**90° ELBOW  
Tube To  
Male Pipe**

| PART No.   | Tube | Pipe | Fuller No. |
|------------|------|------|------------|
| 869-2A     | 1/8  | 1/8  | 85002      |
| 869-2-1/2A | 5/32 | 1/8  | 85001      |



**NUT**

| PART No.  | Tube | Fuller No. |
|-----------|------|------------|
| 861-2     | 1/8  | 83501      |
| 861-2-1/2 | 5/32 | 83502      |



**CONNECTOR  
Tube To  
Male Pipe**

| PART No.    | Tube | Pipe | Fuller No. |
|-------------|------|------|------------|
| 868-2-1     | 1/8  | 1/16 | 84001      |
| 868-2A      | 1/8  | 1/8  | 84002      |
| 868-2-1/2-1 | 5/32 | 1/16 | 83003      |
| 868-2-1/2A  | 5/32 | 1/8  | N/A        |

**TO ASSEMBLE**

- 1 PLACE NUT AND SLEEVE OVER TUBE
- 2 PUSH TUBE INTO FITTING AS FAR AS POSSIBLE
- 3 FINGER TIGHTEN NUT
4. COMPLETE SEAL WITH WRENCH ONE FULL TURN



See Page 114 for D.O.T. Air Shift Transmission Assemblies

## BRASS SWEAT FITTINGS

(Bar Stock)



**UNION  
Female Solder  
Both Ends**

| PART No. | Type K / L<br>Size | Actual<br>Tube O.D. |
|----------|--------------------|---------------------|
| 42SW-10  | 1/2                | 5/8                 |
| 42SW-14  | 3/4                | 7/8                 |



**CONNECTOR  
Female Solder  
End  
To Female Pipe**

| PART No. | Type K / L<br>Size | Actual<br>Tube O.D. | Pipe |
|----------|--------------------|---------------------|------|
| 46SW-10B | 1/2                | 5/8                 | 1/4  |
| 46SW-10C | 1/2                | 5/8                 | 3/8  |
| 46SW-10D | 1/2                | 5/8                 | 1/2  |
| 46SW-10E | 1/2                | 5/8                 | 3/4  |
| 46SW-14D | 3/4                | 7/8                 | 1/2  |
| 46SW-14E | 3/4                | 7/8                 | 3/4  |

46SW SERIES IS ANNEALED (HEAT TREATED)  
TO HELP PREVENT CRACKING.



**CONNECTOR  
Female Solder  
End  
To Male Pipe**

| PART No. | Type K / L<br>Size | Actual<br>Tube O.D. | Pipe |
|----------|--------------------|---------------------|------|
| 48SW-10B | 1/2                | 5/8                 | 1/4  |
| 48SW-10C | 1/2                | 5/8                 | 3/8  |
| 48SW-10D | 1/2                | 5/8                 | 1/2  |
| 48SW-10E | 1/2                | 5/8                 | 3/4  |
| 48SW-14D | 3/4                | 7/8                 | 1/2  |
| 48SW-14E | 3/4                | 7/8                 | 3/4  |



A

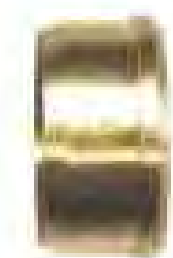


**STANDARD SLEEVE**

| PART No. | Tube |
|----------|------|
| 60-2     | 1/8  |
| 60-2-1/2 | 5/32 |
| 60-3     | 3/16 |
| 60-4     | 1/4  |
| 60-5     | 5/16 |
| 60-6     | 3/8  |
| 60-7     | 7/16 |
| 60-8     | 1/2  |
| 60-10    | 5/8  |
| 60-12    | 3/4  |
| 60-14    | 7/8  |

**Lead Free**

|          |      |
|----------|------|
| LF-60-3  | 3/16 |
| LF-60-4  | 1/4  |
| LF-60-5  | 5/16 |
| LF-60-6  | 3/8  |
| LF-60-8  | 1/2  |
| LF-60-10 | 5/8  |
| LF-60-12 | 3/4  |
| LF-60-14 | 7/8  |



**IN-LINE SLEEVE**

| PART No. | Tube |
|----------|------|
| 260-2    | 1/8  |
| 260-3    | 3/16 |
| 260-4    | 1/4  |
| 260-6    | 3/8  |
| 260-8    | 1/2  |

THIS SLEEVE IS FOR USE WITH NYLON TUBE FEATURED ON PAGE 145.



**STANDARD NUT**

| PART No. | Tube |
|----------|------|
| 61-2     | 1/8  |
| 61-2-1/2 | 5/32 |
| 61-3     | 3/16 |
| 61-4     | 1/4  |
| 61-5     | 5/16 |
| 61-6     | 3/8  |
| 61-7     | 7/16 |
| 61-8     | 1/2  |
| 61-10    | 5/8  |
| 61-12    | 3/4  |
| 61-14    | 7/8  |

**Lead Free**

|          |      |
|----------|------|
| LF-61-3  | 3/16 |
| LF-61-4  | 1/4  |
| LF-61-5  | 5/16 |
| LF-61-6  | 3/8  |
| LF-61-7  | 7/16 |
| LF-61-8  | 1/2  |
| LF-61-10 | 5/8  |
| LF-61-12 | 3/4  |
| LF-61-14 | 7/8  |

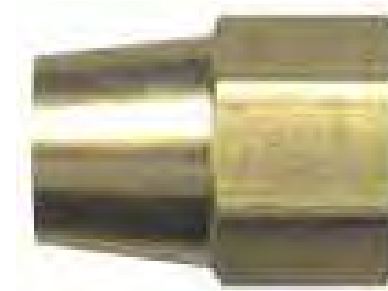


**CAP**

| PART No. | Tube |
|----------|------|
| 61CAP-4  | 1/4  |
| 61CAP-6  | 3/8  |
| 61CAP-8  | 1/2  |
| 61CAP-10 | 5/8  |

**Lead Free**

|            |     |
|------------|-----|
| LF-61CAP-4 | 1/4 |
|------------|-----|



**LONG NUT**

| PART No. | Tube |
|----------|------|
| 161-6    | 3/8  |
| 161-10   | 5/8  |

LONG NUTS PROVIDE EXTRA TUBE SUPPORT WHEN SEVERE VIBRATION IS A FACTOR.



**UNION COUPLING**

| PART No. | Tube |
|----------|------|
| 62-2     | 1/8  |
| 62-2-1/2 | 5/32 |
| 62-3     | 3/16 |
| 62-4     | 1/4  |
| 62-5     | 5/16 |
| 62-6     | 3/8  |
| 62-8     | 1/2  |
| 62-10    | 5/8  |
| 62-12    | 3/4  |
| 62-14    | 7/8  |

**Lead Free**

|          |      |
|----------|------|
| LF-62-4  | 1/4  |
| LF-62-5  | 5/16 |
| LF-62-6  | 3/8  |
| LF-62-8  | 1/2  |
| LF-62-10 | 5/8  |
| LF-62-12 | 3/4  |
| LF-62-14 | 7/8  |

**Reducing**

|         |             |
|---------|-------------|
| 62R-42  | 1/4 to 1/8  |
| 62R-43  | 1/4 to 3/16 |
| 62R-54  | 5/16 to 1/4 |
| 62R-64  | 3/8 to 1/4  |
| 62R-65  | 3/8 to 5/16 |
| 62R-86  | 1/2 to 3/8  |
| 62R-106 | 5/8 to 3/8  |
| 62R-108 | 5/8 to 1/2  |

**Lead Free**

|            |             |
|------------|-------------|
| LF-62R-64  | 3/8 to 1/4  |
| LF-62R-65  | 3/8 to 5/16 |
| LF-62R-86  | 1/2 to 3/8  |
| LF-62R-106 | 5/8 to 3/8  |
| LF-62R-108 | 5/8 to 1/2  |



**CAP CONNECTOR  
Tube To  
Female Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 66-2A    | 1/8  | 1/8  |
| 66-3A    | 3/16 | 1/8  |
| 66-4A    | 1/4  | 1/8  |
| 66-4B    | 1/4  | 1/4  |
| 66-4C    | 1/4  | 3/8  |
| 66-4D    | 1/4  | 1/2  |
| 66-5A    | 5/16 | 1/8  |
| 66-5B    | 5/16 | 1/4  |
| 66-6A    | 3/8  | 1/8  |
| 66-6B    | 3/8  | 1/4  |
| 66-6C    | 3/8  | 3/8  |
| 66-6D    | 3/8  | 1/2  |
| 66-8C    | 1/2  | 3/8  |
| 66-8D    | 1/2  | 1/2  |
| 66-10C   | 5/8  | 3/8  |
| 66-10D   | 5/8  | 1/2  |
| 66-10E   | 5/8  | 3/4  |
| 66-12D   | 3/4  | 1/2  |
| 66-12E   | 3/4  | 3/4  |
| 66-14E   | 7/8  | 3/4  |

**Lead Free**

|           |     |     |
|-----------|-----|-----|
| LF-66-4A  | 1/4 | 1/8 |
| LF-66-4B  | 1/4 | 1/4 |
| LF-66-4C  | 1/4 | 3/8 |
| LF-66-4D  | 1/4 | 1/2 |
| LF-66-6B  | 3/8 | 1/4 |
| LF-66-6C  | 3/8 | 3/8 |
| LF-66-6D  | 3/8 | 1/2 |
| LF-66-8C  | 1/2 | 3/8 |
| LF-66-8D  | 1/2 | 1/2 |
| LF-66-10D | 5/8 | 1/2 |



**SEALING PLUG**

| PART No. | Tube |
|----------|------|
| 67-4     | 1/4  |

USED TO PLUG 1/4 O.D. TUBE

Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.





**CONNECTOR**  
Tube To  
Male Pipe

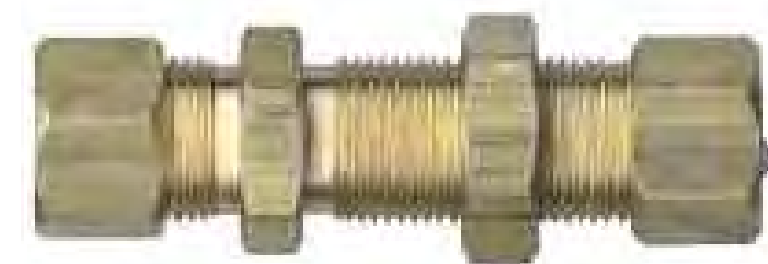
| PART No.         | Tube | Pipe |
|------------------|------|------|
| 68-2-1           | 1/8  | 1/16 |
| 68-2A            | 1/8  | 1/8  |
| 68-2-1/2A        | 5/32 | 1/8  |
| 68-3A            | 3/16 | 1/8  |
| 68-3B            | 3/16 | 1/4  |
| 68-4A            | 1/4  | 1/8  |
| 68-4B            | 1/4  | 1/4  |
| 68-4C            | 1/4  | 3/8  |
| 68-4D            | 1/4  | 1/2  |
| 68-5A            | 5/16 | 1/8  |
| 68-5B            | 5/16 | 1/4  |
| 68-5C            | 5/16 | 3/8  |
| 68-6A            | 3/8  | 1/8  |
| 68-6B            | 3/8  | 1/4  |
| 68-6C            | 3/8  | 3/8  |
| 68-6D            | 3/8  | 1/2  |
| 68-6E            | 3/8  | 3/4  |
| 68-8B            | 1/2  | 1/4  |
| 68-8C            | 1/2  | 3/8  |
| 68-8D            | 1/2  | 1/2  |
| 68-8E            | 1/2  | 3/4  |
| 68-10C           | 5/8  | 3/8  |
| 68-10D           | 5/8  | 1/2  |
| 68-10E           | 5/8  | 3/4  |
| 68-12D           | 3/4  | 1/2  |
| 68-12E           | 3/4  | 3/4  |
| 68-14E           | 7/8  | 3/4  |
| <b>Lead Free</b> |      |      |
| LF-68-2A         | 1/8  | 1/8  |
| LF-68-3B         | 3/16 | 1/4  |
| LF-68-4A         | 1/4  | 1/8  |
| LF-68-4B         | 1/4  | 1/4  |
| LF-68-4C         | 1/4  | 3/8  |
| LF-68-4D         | 1/4  | 1/2  |
| LF-68-5B         | 5/16 | 1/4  |
| LF-68-5C         | 5/16 | 3/8  |
| LF-68-6A         | 3/8  | 1/8  |
| LF-68-6B         | 3/8  | 1/4  |
| LF-68-6C         | 3/8  | 3/8  |
| LF-68-6D         | 3/8  | 1/2  |
| LF-68-6E         | 3/8  | 3/4  |
| LF-68-8B         | 1/2  | 1/4  |
| LF-68-8C         | 1/2  | 3/8  |
| LF-68-8D         | 1/2  | 1/2  |
| LF-68-10D        | 5/8  | 1/2  |
| LF-68-10E        | 5/8  | 3/4  |
| LF-68-12E        | 3/4  | 3/4  |
| LF-68-14E        | 7/8  | 3/4  |



**TANK FITTING**  
Tube To  
Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| T68-2A   | 1/8  | 1/8  |
| T68-3A   | 3/16 | 1/8  |
| T68-3B   | 3/16 | 1/4  |
| T68-4A   | 1/4  | 1/8  |
| T68-4B   | 1/4  | 1/4  |
| T68-4C   | 1/4  | 3/8  |
| T68-5B   | 5/16 | 1/4  |
| T68-6B   | 3/8  | 1/4  |
| T68-6C   | 3/8  | 3/8  |
| T68-6D   | 3/8  | 1/2  |
| T68-8D   | 1/2  | 1/2  |
| T68-10D  | 5/8  | 1/2  |

THESE COMPRESSION FITTINGS ARE DRILLED THROUGH TO ALLOW THE TUBE TO PASS THROUGH THE FITTING INTO THE CONTAINER.



**BULKHEAD UNION**

| PART No. | Tube |
|----------|------|
| 77-4     | 1/4  |
| 77-6     | 3/8  |



**45° ELBOW**  
Tube To  
Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 74-3A    | 3/16 | 1/8  |
| 74-4A    | 1/4  | 1/8  |
| 74-4B    | 1/4  | 1/4  |
| 74-6B    | 3/8  | 1/4  |
| 74-8C    | 1/2  | 3/8  |
| 74-8D    | 1/2  | 1/2  |
| 74-10D   | 5/8  | 1/2  |



**90° ELBOW**  
Tube  
To Tube

| PART No.         | Tube       |
|------------------|------------|
| 65-2             | 1/8        |
| 65-3             | 3/16       |
| 65-4             | 1/4        |
| 65-5             | 5/16       |
| 65-6             | 3/8        |
| 65-8             | 1/2        |
| 65-10            | 5/8        |
| 65-12            | 3/4        |
| 65-14            | 7/8        |
| <b>Lead Free</b> |            |
| LF-65-4          | 1/4        |
| LF-65-6          | 3/8        |
| LF-65-8          | 1/2        |
| LF-65-10         | 5/8        |
| <b>Reducing</b>  |            |
| 65R-86           | 1/2 to 3/8 |



**90° ELBOW**  
Tube To  
Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 70-3A    | 3/16 | 1/8  |
| 70-4A    | 1/4  | 1/8  |
| 70-4B    | 1/4  | 1/4  |
| 70-5A    | 5/16 | 1/8  |
| 70-5B    | 5/16 | 1/4  |
| 70-6A    | 3/8  | 1/8  |
| 70-6B    | 3/8  | 1/4  |
| 70-6C    | 3/8  | 3/8  |
| 70-6D    | 3/8  | 1/2  |
| 70-6E    | 3/8  | 3/4  |
| 70-8B    | 1/2  | 1/4  |
| 70-8C    | 1/2  | 3/8  |
| 70-8D    | 1/2  | 1/2  |
| 70-10D   | 5/8  | 1/2  |
| 70-12D   | 3/4  | 1/2  |
| 70-12E   | 3/4  | 3/4  |



**90° ELBOW**  
Tube To  
Male Pipe

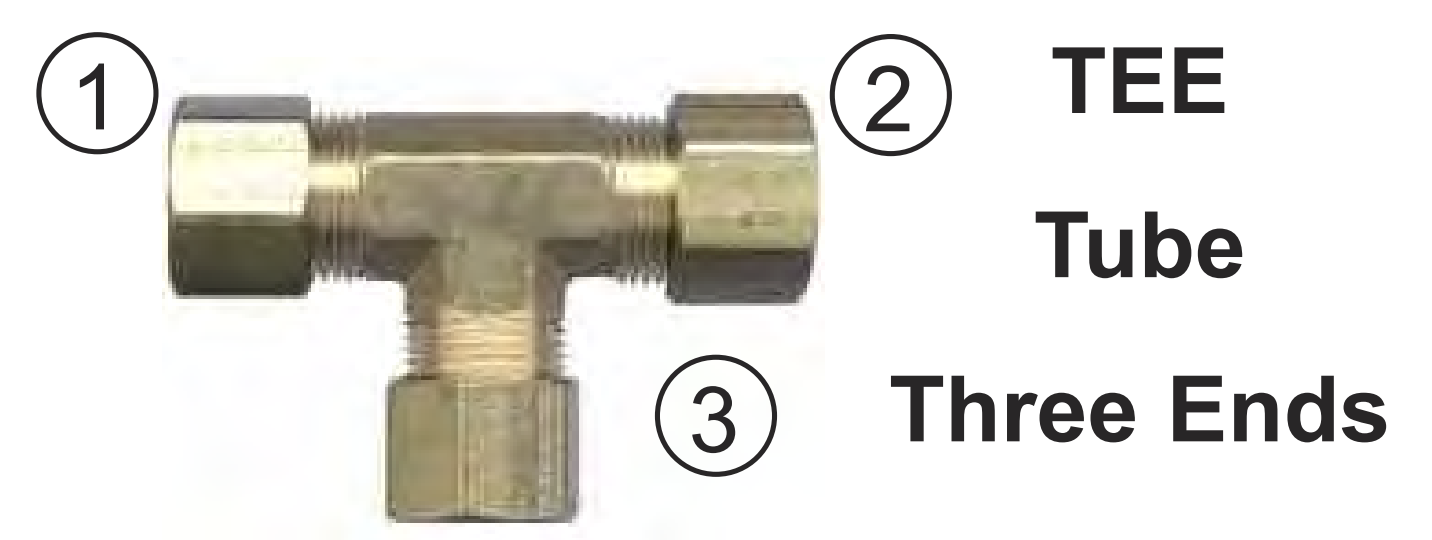
| PART No.         | Tube | Pipe |
|------------------|------|------|
| 69-2A            | 1/8  | 1/8  |
| 69-2-1/2A        | 5/32 | 1/8  |
| 69-3A            | 3/16 | 1/8  |
| 69-3B            | 3/16 | 1/4  |
| 69-4A            | 1/4  | 1/8  |
| 69-4B            | 1/4  | 1/4  |
| 69-4C            | 1/4  | 3/8  |
| 69-4D            | 1/4  | 1/2  |
| 69-5A            | 5/16 | 1/8  |
| 69-5B            | 5/16 | 1/4  |
| 69-5C            | 5/16 | 3/8  |
| 69-6A            | 3/8  | 1/8  |
| 69-6B            | 3/8  | 1/4  |
| 69-6C            | 3/8  | 3/8  |
| 69-6D            | 3/8  | 1/2  |
| 69-6E            | 3/8  | 3/4  |
| 69-7B            | 7/16 | 1/4  |
| 69-8B            | 1/2  | 1/4  |
| 69-8C            | 1/2  | 3/8  |
| 69-8D            | 1/2  | 1/2  |
| 69-8E            | 1/2  | 3/4  |
| 69-10C           | 5/8  | 3/8  |
| 69-10D           | 5/8  | 1/2  |
| 69-10E           | 5/8  | 3/4  |
| 69-12D           | 3/4  | 1/2  |
| 69-12E           | 3/4  | 3/4  |
| 69-14E           | 7/8  | 3/4  |
| <b>Lead Free</b> |      |      |
| LF-69-4A         | 1/4  | 1/8  |
| LF-69-4B         | 1/4  | 1/4  |
| LF-69-4C         | 1/4  | 3/8  |
| LF-69-6A         | 3/8  | 1/8  |
| LF-69-6B         | 3/8  | 1/4  |
| LF-69-6C         | 3/8  | 3/8  |
| LF-69-6D         | 3/8  | 1/2  |
| LF-69-8C         | 1/2  | 3/8  |
| LF-69-8D         | 1/2  | 1/2  |
| LF-69-10C        | 5/8  | 3/8  |
| LF-69-10D        | 5/8  | 1/2  |

The compression connection is a three-piece assembly that consists of a cap-shaped nut with female threads, a compression sleeve that looks like a simple wedding ring and a seat section with male threads. The cap nut and the seat are screwed together causing the compression sleeve to squeeze tightly against them, as well as the adjoining tube. This causes a compressed or compression type watertight connection.

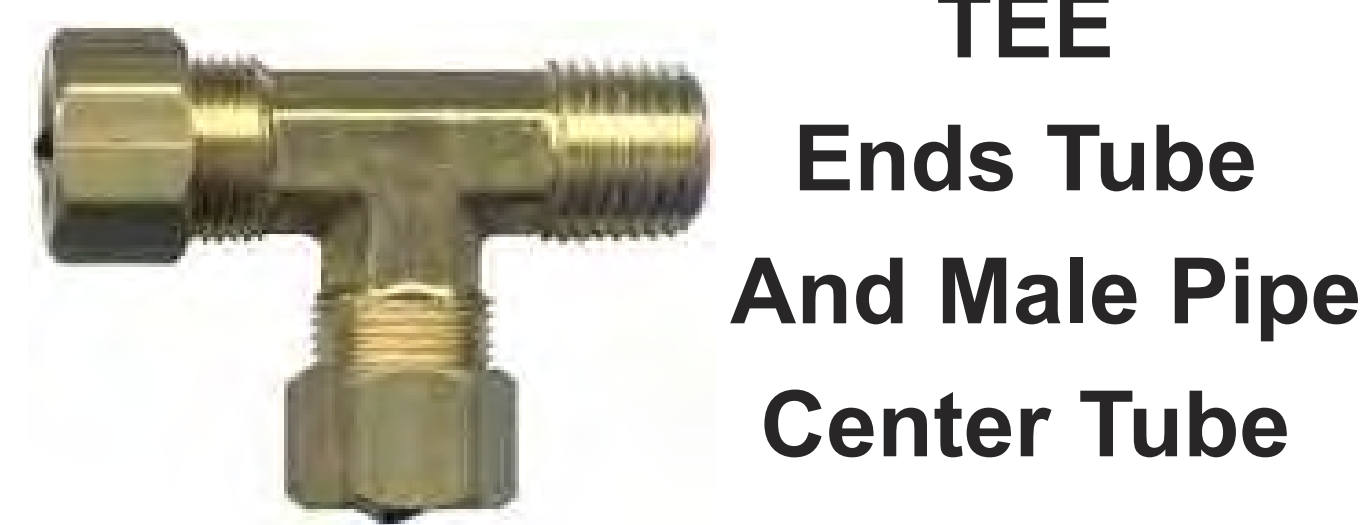
A



A



| PART No.         | Tube     |          |          |
|------------------|----------|----------|----------|
| 64-2             | 1/8      |          |          |
| 64-2-1/2         | 5/32     |          |          |
| 64-3             | 3/16     |          |          |
| 64-4             | 1/4      |          |          |
| 64-5             | 5/16     |          |          |
| 64-6             | 3/8      |          |          |
| 64-8             | 1/2      |          |          |
| 64-10            | 5/8      |          |          |
| 64-12            | 3/4      |          |          |
| 64-14            | 7/8      |          |          |
| <b>Lead Free</b> |          |          |          |
| LF-64-4          | 1/4      |          |          |
| LF-64-6          | 3/8      |          |          |
| LF-64-8          | 1/2      |          |          |
| LF-64-10         | 5/8      |          |          |
| <b>Reducing</b>  |          |          |          |
|                  | <b>1</b> | <b>2</b> | <b>3</b> |
| 64R-46           | 1/4      | 1/4      | 3/8      |
| 64R-84           | 1/2      | 1/2      | 1/4      |
| 64R-86           | 1/2      | 1/2      | 3/8      |
| <b>Lead Free</b> |          |          |          |
| LF-64R-64        | 3/8      | 3/8      | 1/4      |



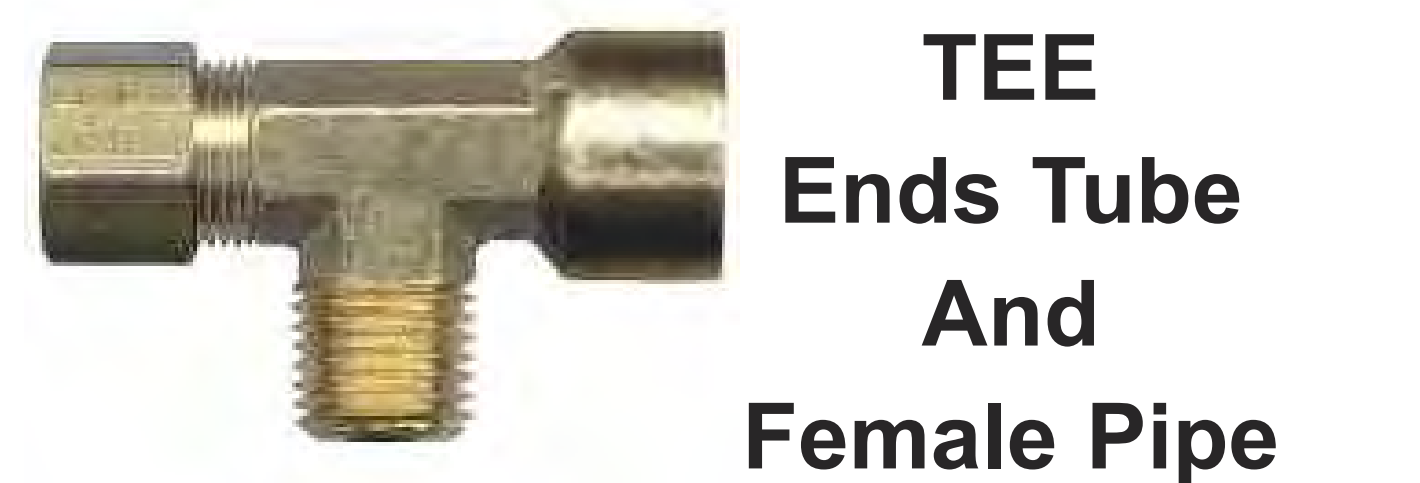
| PART No. | Tube | Pipe |
|----------|------|------|
| 71-3A    | 3/16 | 1/8  |
| 71-4A    | 1/4  | 1/8  |
| 71-4B    | 1/4  | 1/4  |
| 71-6A    | 3/8  | 1/8  |
| 71-6B    | 3/8  | 1/4  |
| 71-6C    | 3/8  | 3/8  |
| 71-8D    | 1/2  | 1/2  |



| PART No. | Tube | Pipe |
|----------|------|------|
| 72-3A    | 3/16 | 1/8  |
| 72-4A    | 1/4  | 1/8  |
| 72-4B    | 1/4  | 1/4  |
| 72-5A    | 5/16 | 1/8  |
| 72-5B    | 5/16 | 1/4  |
| 72-6A    | 3/8  | 1/8  |
| 72-6B    | 3/8  | 1/4  |
| 72-6C    | 3/8  | 3/8  |
| 72-6D    | 3/8  | 1/2  |
| 72-8C    | 1/2  | 3/8  |
| 72-8D    | 1/2  | 1/2  |
| 72-10D   | 5/8  | 1/2  |
| 72-12D   | 3/4  | 1/2  |



| PART No. | Tube | Pipe |
|----------|------|------|
| 78-4B    | 1/4  | 1/4  |
| 78-6A    | 3/8  | 1/8  |
| 78-6B    | 3/8  | 1/4  |



| PART No. | Tube | Pipe |
|----------|------|------|
| 79-4A    | 1/4  | 1/8  |

Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.

## LEAD FREE BRASS REGULATIONS

**Applications:**

**Lead Free Brass:** (Not Containing more than 0.25% weighted average lead on wetted surfaces)  
 Conveying or dispensing water for human consumption through drinking or cooking as well as other air, oil and water applications.  
 Used with copper, brass, aluminum, plastic tube (add insert and use delrin sleeve). Do not use with steel tubing.

**US Federal Legislation:**

Bill S.3874 "Reduction of Lead in Drinking Water Act" provides a US Federal mandate to adhere to the 0.25% weighted average lead content of wetted surfaces in all potable water systems throughout the United States.  
 This Federal legislation makes it an offence to sell, offer to sell, or install into service any plumbing product or device that may come in contact with potable water, that is in excess of the 0.25% weighted average lead content.

**Low Lead requirements in Canada:**

ASME A112.18.1/CSA N125.1 and CSA B125.3 standards for Plumbing fittings were amended to include the following under section 4.9 Toxicity and Lead Content:  
 4.9.3  
 Fittings intended to convey or dispense water for human consumption through drinking or cooking shall not contain a weighted average lead content in excess of 0.25% when evaluated in accordance with the test method specified in NSF/ANSI 372.

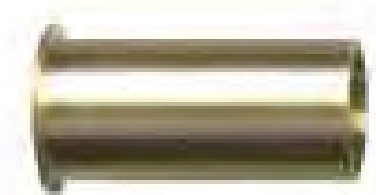
**WARNING: Because lead-free brass is harder it can also be more brittle. To prevent cracking, extra care should be taken not to over-tighten lead free fittings.**



# COMPRESSION FITTINGS FOR POLY TUBE (COMPLETE WITH FIXED INSERTS)

**Fairview**

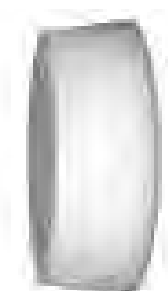
A



## BRASS INSERT

| PART No.         | Tube I.D. |
|------------------|-----------|
| 481-4H           | .125      |
| 481-4            | .170      |
| 481-5            | .187      |
| 481-6            | .250      |
| 481-8            | .375      |
| 481-10           | .500      |
| <b>Lead Free</b> |           |
| LF-481-4         | .170      |
| LF-481-5         | .187      |
| LF-481-6         | .250      |
| LF-481-8         | .375      |
| LF-481-10        | .500      |

The 480 Sleeve and 481 insert will cover standard compression fittings and valves for use with poly tube.



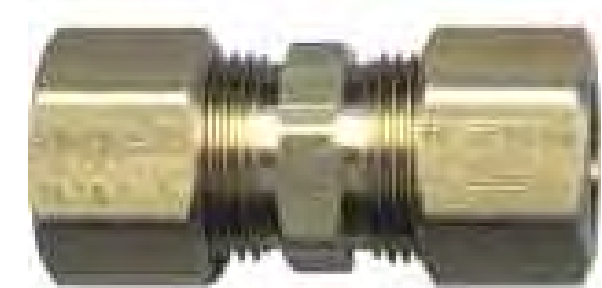
## DELTRIN SLEEVE

| PART No. | Tube O.D. |
|----------|-----------|
| 480-4    | 1/4       |
| 480-5    | 5/16      |
| 480-6    | 3/8       |
| 480-8    | 1/2       |
| 480-10   | 5/8       |



## NUT

| PART No. | Tube O.D. |
|----------|-----------|
| 61-4     | 1/4       |
| 61-5     | 5/16      |
| 61-6     | 3/8       |
| 61-8     | 1/2       |
| 61-10    | 5/8       |



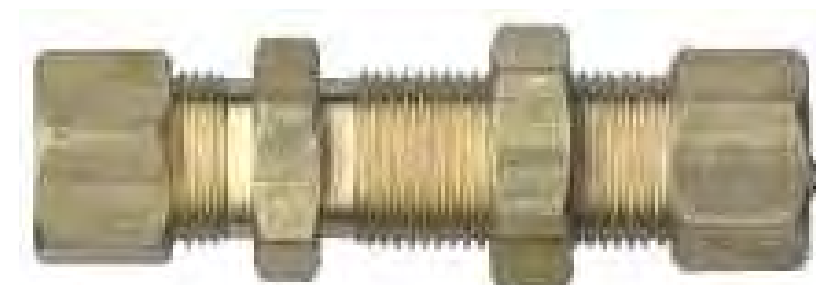
## UNION COUPLING Poly Tube

| PART No.         | Tube O.D.  |
|------------------|------------|
| 462-4            | 1/4        |
| 462-5            | 5/16       |
| 462-6            | 3/8        |
| 462-8            | 1/2        |
| <b>Lead Free</b> |            |
| LF-462-4         | 1/4        |
| <b>Reducing</b>  |            |
| 462R-64          | 3/8 to 1/4 |
| 462R-86          | 1/2 to 3/8 |



## COUPLING Poly Tube To Copper Tube

| PART No. | Tube |
|----------|------|
| 467-44   | 1/4  |
| 467-66   | 3/8  |



## BULKHEAD Poly Tube To Poly Tube

| PART No. | Tube |
|----------|------|
| 477-4    | 1/4  |
| 477-6    | 3/8  |

### TO ASSEMBLE

- 1 PLACE NUT AND SLEEVE OVER TUBE
- 2 PUSH INSERT INSIDE TUBE
- 3 PUSH TUBE INTO FITTING AS FAR AS POSSIBLE
- 4 TIGHTEN NUT



## CONNECTOR Poly Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 466-4A   | 1/4  | 1/8  |
| 466-4B   | 1/4  | 1/4  |
| 466-6B   | 3/8  | 1/4  |
| 466-6C   | 3/8  | 3/8  |
| 466-8C   | 1/2  | 3/8  |



## CONNECTOR Poly Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 468-4A   | 1/4  | 1/8  |
| 468-4B   | 1/4  | 1/4  |
| 468-4C   | 1/4  | 3/8  |
| 468-4D   | 1/4  | 1/2  |
| 468-5A   | 5/16 | 1/8  |
| 468-5B   | 5/16 | 1/4  |
| 468-6A   | 3/8  | 1/8  |
| 468-6B   | 3/8  | 1/4  |
| 468-6C   | 3/8  | 3/8  |
| 468-6D   | 3/8  | 1/2  |
| 468-8B   | 1/2  | 1/4  |
| 468-8C   | 1/2  | 3/8  |
| 468-8D   | 1/2  | 1/2  |
| 468-8E   | 1/2  | 3/4  |
| 468-10C  | 5/8  | 3/8  |
| 468-10D  | 5/8  | 1/2  |

### Lead Free

|            |     |     |
|------------|-----|-----|
| LF-468-4A  | 1/4 | 1/8 |
| LF-468-4B  | 1/4 | 1/4 |
| LF-468-6B  | 3/8 | 1/4 |
| LF-468-6C  | 3/8 | 3/8 |
| LF-468-10D | 5/8 | 1/2 |



## 90° ELBOW Poly Tube To Poly Tube

| PART No. | Tube |
|----------|------|
| 465-4    | 1/4  |
| 465-6    | 3/8  |



## 90° ELBOW Poly Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 469-4A   | 1/4  | 1/8  |
| 469-4B   | 1/4  | 1/4  |
| 469-4C   | 1/4  | 3/8  |
| 469-5B   | 5/16 | 1/4  |
| 469-6B   | 3/8  | 1/4  |
| 469-6C   | 3/8  | 3/8  |
| 469-6D   | 3/8  | 1/2  |
| 469-8C   | 1/2  | 3/8  |
| 469-8D   | 1/2  | 1/2  |

Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.

|           | Lead Free |     |
|-----------|-----------|-----|
| LF-469-4A | 1/4       | 1/8 |
| LF-469-4B | 1/4       | 1/4 |
| LF-469-6A | 3/8       | 1/8 |
| LF-469-6B | 3/8       | 1/4 |
| LF-469-6C | 3/8       | 3/8 |
| LF-469-8C | 1/2       | 3/8 |
| LF-469-8D | 1/2       | 1/2 |



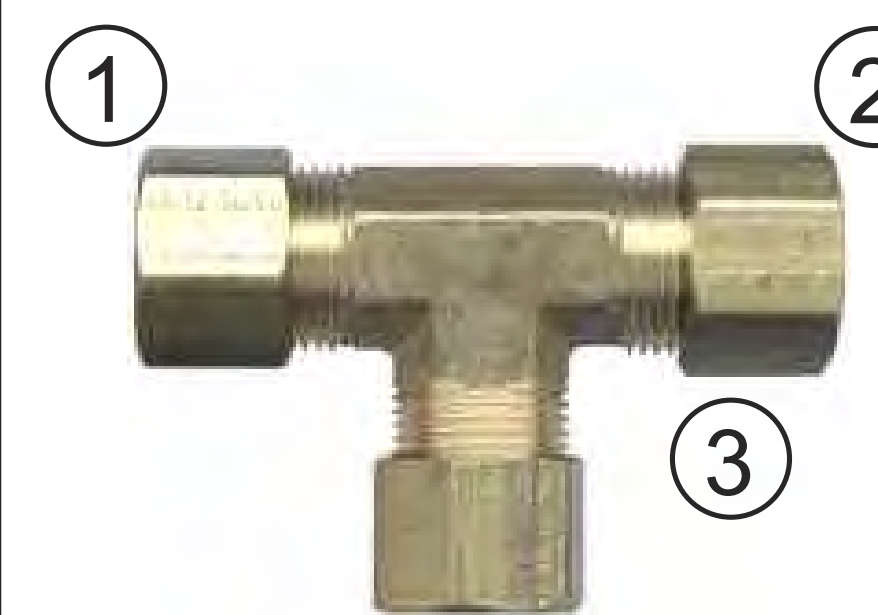
## 90° ELBOW Poly Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 470-4A   | 1/4  | 1/8  |
| 470-4B   | 1/4  | 1/4  |
| 470-6B   | 3/8  | 1/4  |



## 45° ELBOW Poly Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 474-4A   | 1/4  | 1/8  |



## TEE Poly Tube Three Ends

| PART No. | Tube |
|----------|------|
| 464-4    | 1/4  |
| 464-6    | 3/8  |
| 464-8    | 1/2  |

### Reducing

|         | 1   | 2   | 3   |
|---------|-----|-----|-----|
| 464R-64 | 3/8 | 3/8 | 1/4 |



## TEE Ends Poly Tube and Male Pipe Center Poly

| PART No. | Tube | Pipe |
|----------|------|------|
| 471-4A   | 1/4  | 1/8  |
| 471-6B   | 3/8  | 1/4  |



## TEE Ends Poly Tube Center Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 472-4B   | 1/4  | 1/4  |
| 472-6B   | 3/8  | 1/4  |



## TEE Ends Poly Tube Center Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 478-4A   | 1/4  | 1/8  |
| 478-6B   | 3/8  | 1/4  |



A

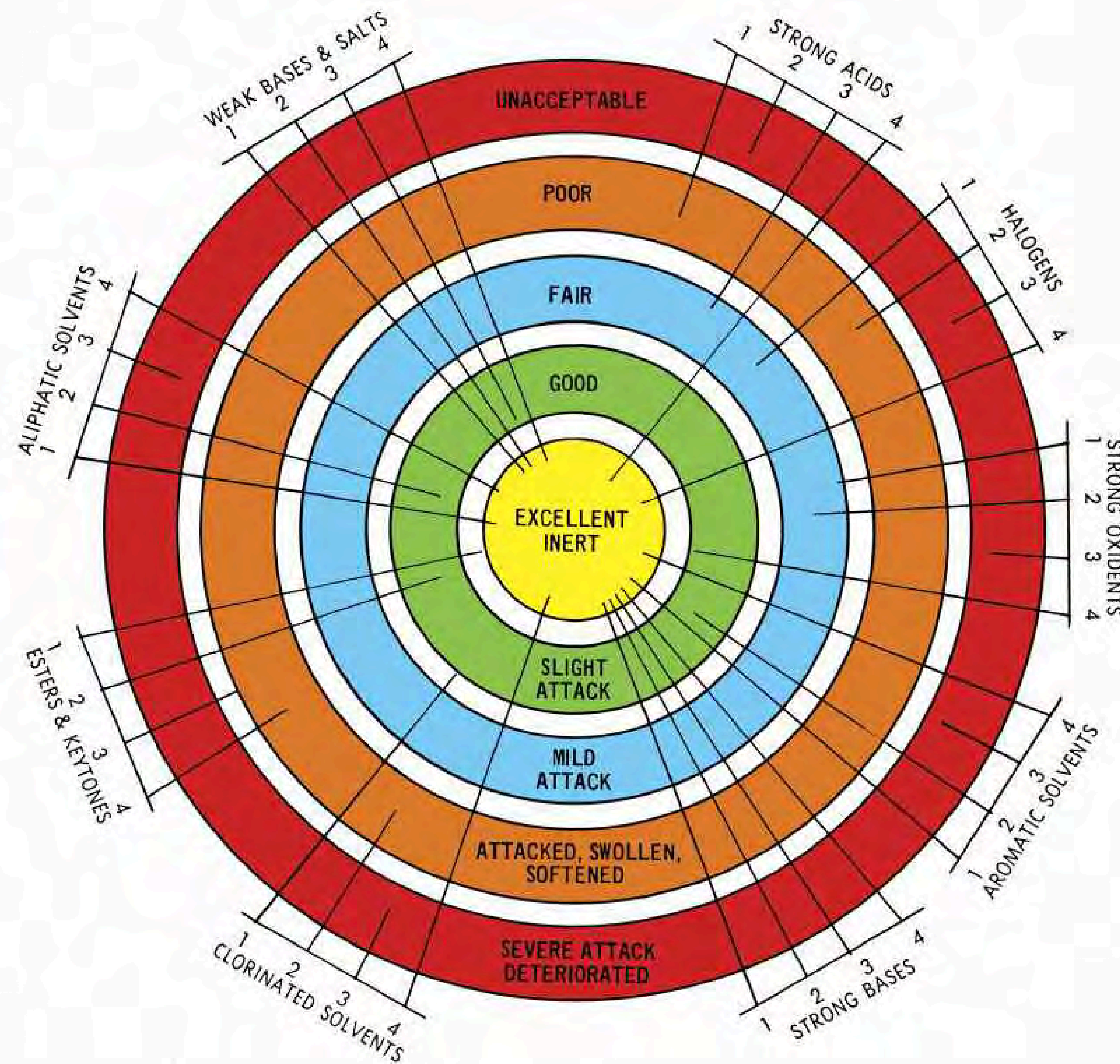
Selecting Material

**1 - NYLON** has good resistance to organic solvents, oils and gasoline • Good strength at high temperatures • Cold and hot-water applications • Longtime weathering resistance • Good impact resistance, both single and repeated • Not recommended for use with ammonium, boric acid, calcium, sulfuric acid, or hydrochloric acid • F.D.A. listed. • N.S.F. listed.

**2 - CELCON** or acetal copolymer, has high tensile strength and good impact resistance over a broad temperature range. • Translucent white color • Not affected by continuous hot-water service and works smoothly with metal tube • Celcon cannot be recommended for continuous exposure to solutions with a chlorine concentration greater than 1 ppm • Suggested maximum continuous temperature is +220°F (+104°C) in air and +180°F (+82°C) in water • Unaffected by most inorganics, except sulfuric, nitric and hydrochloric acids • Listed by U.S.D.A. and F.D.A. for coffee, milk and antibiotics • N.S.F. listed. • Should not be continuously exposed to sunlight.

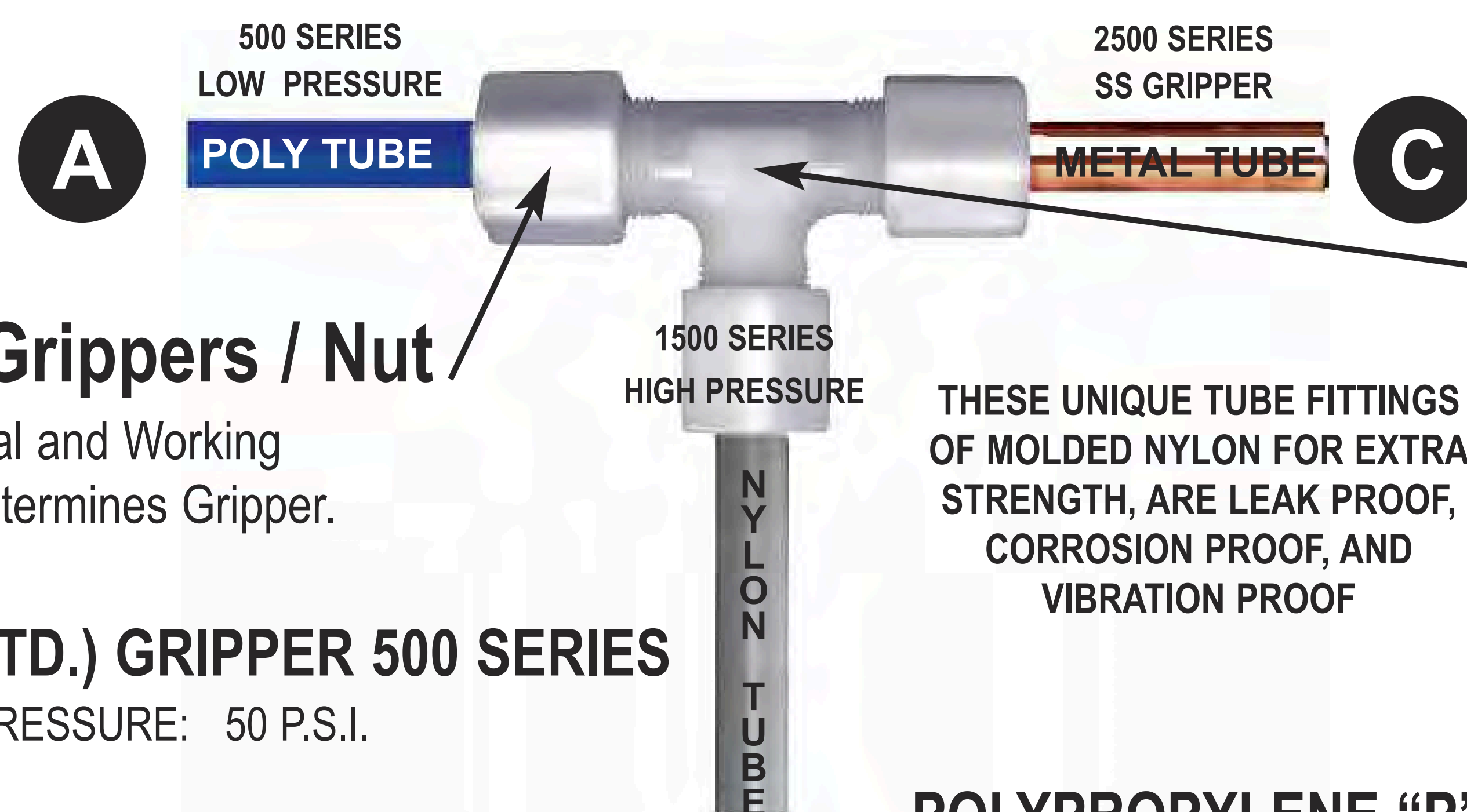
**3 - POLYPROPYLENE** has good chemical resistance • Withstand continuous temperatures up to +215°F (+102°C) • Opaque • Unaffected by most weak acids and alkalies • Below +175°F (+79°C) it has good resistance to organic solvents • Do not use with oxidants or strong acids or in continuous sunlight • N.S.F. listed • 20% glass filled for improved stiffness.

**4 - KYNAR** a polyvinylidene fluoride, has outstanding chemical resistance for handling highly corrosive fluids • F.D.A. listed • N.S.F. listed.



**CHART KEY**  
 1 - NYLON  
 \* 2 - CELCON® (ACETAL)  
 3 - POLYPROPYLENE  
 \*\* 4 - KYNAR®

\* TRADEMARK OF Hoechst Celanese Corporation.  
 \*\* TRADEMARK OF Atochem North America, Inc.



Select Grippers / Nut

Tube Material and Working Pressure Determines Gripper.

- A** NYLON (STD.) GRIPPER 500 SERIES  
• WORKING PRESSURE: 50 P.S.I.
- B** PLASTIC GRIPPER 1500 SERIES  
• WORKING PRESSURE: 220 P.S.I. AVAILABLE
- C** STAINLESS STEEL GRIPPER 2500 SERIES  
• WORKING PRESSURE: 220 P.S.I. AVAILABLE

Select Body Material

Chemical and Temperature Requirements Determines Material.

NYLON (STANDARD 500 SERIES) SERIES

• TEMPERATURE: -40°F to +220°F  
 -40°C to +104°C

POLYPROPYLENE "P" (GOOD CHEMICAL RESISTANCE) SERIES

• TEMPERATURE: -30°F to +215°F  
 -34°C to +102°C

KYNAR "K" (HIGH CHEMICAL RESISTANCE) SERIES

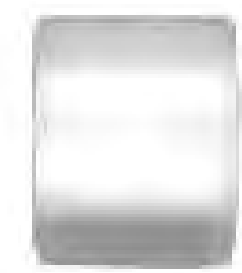
• WORKING PRESSURE: 220 P.S.I.  
 TEMPERATURE: -80°F to +275°F  
 -62°C to +135°C

Minimum orders may apply.

|                                                                                                          |                                                                           |
|----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|
| ALL FITTING PART NUMBERS ARE SHOWN WITH OUR STANDARD 561 NUT.                                            | FOR POLYPROPYLENE PREFIX PART NUMBER WITH P. (EXAMPLE: P568-) •           |
| FOR PLASTIC GRIPPER TYPE PREFIX WITH NO. 1 (EXAMPLE: 1568).                                              | FOR KYNAR PREFIX PART NUMBER WITH K. (EXAMPLE: K568-) •                   |
| FOR STAINLESS STEEL GRIPPER TYPE PREFIX WITH NO. 2 (EXAMPLE: 2568) • (SPECIAL ORDER, MIN. QTY. MAY APPLY | FOR CELCON PREFIX PART NUMBER WITH C. (EXAMPLE: C568-) •                  |
| ALL FITTINGS WILL BE SUPPLIED IN NYLON UNLESS OTHERWISE SPECIFIED.                                       | NYLON FITTINGS ARE ALSO AVAILABLE IN BLACK ON A SPECIAL ORDER. (568BLK) • |

Operating pressures are governed by ambient and fluid temperatures, type of fluid being conveyed, tube type, and conditions of mechanical abuse.





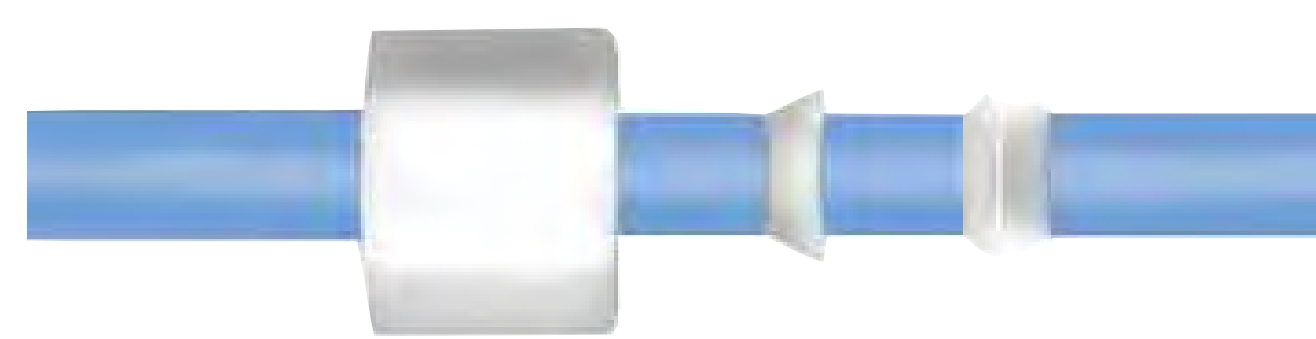
### STANDARD NUT

| PART No. | Tube |
|----------|------|
| 561-4    | 1/4  |
| 561-6    | 3/8  |
| 561-8    | 1/2  |



FOR USE WITH SOFT WALL  
PLASTIC TUBE, POLY ETC.  
FOR 50 P.S.I. W.P.

### NUT ASSEMBLY

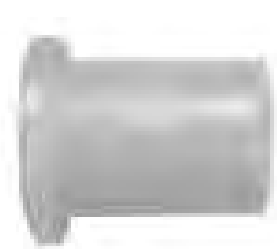


### PLASTIC GRIPPER TYPE

| PART No. | Tube |
|----------|------|
| 1561-4   | 1/4  |
| 1561-6   | 3/8  |
| 1561-8   | 1/2  |

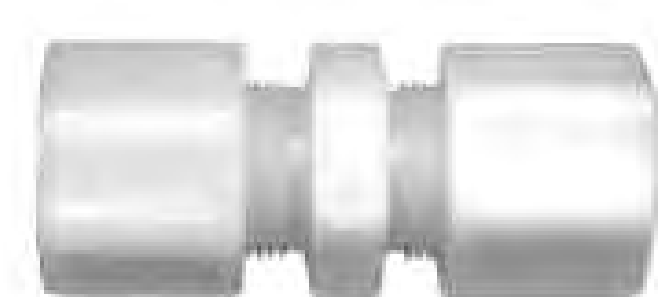


FOR USE WITH HARD WALL  
PLASTIC TUBE, NYLON ETC.  
FOR 220 P.S.I. W.P.



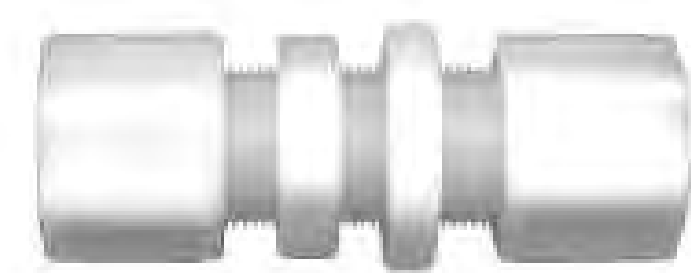
### INSERT (Use With Soft wall Tube)

| PART No. | Tube |
|----------|------|
| 560-4    | 1/4  |
| 560-6    | 3/8  |
| 560-8    | 1/2  |



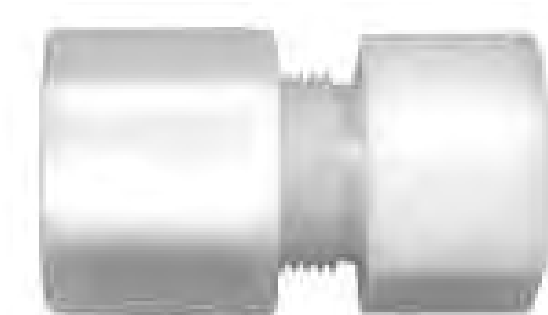
### UNION COUPLING Tube To Tube

| PART No. | Tube       |
|----------|------------|
| 562-4    | 1/4        |
| 562-6    | 3/8        |
| 562-8    | 1/2        |
|          | Reducing   |
| 562R-86  | 1/2 to 3/8 |



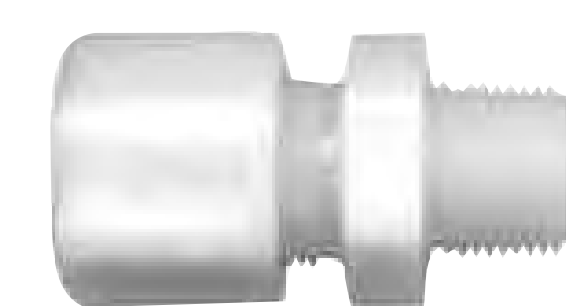
### BULKHEAD UNION With Locknut

| PART No. | Tube |
|----------|------|
| 577-4    | 1/4  |



### CONNECTOR Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 566-4B   | 1/4  | 1/4  |
| 566-6B   | 3/8  | 1/4  |
| 566-6C   | 3/8  | 3/8  |
| 566-8D   | 1/2  | 1/2  |



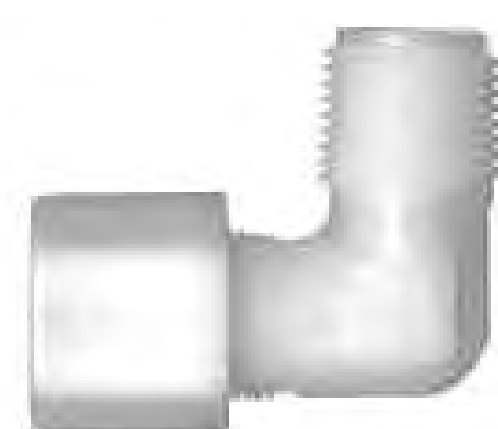
### CONNECTOR Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 568-4A   | 1/4  | 1/8  |
| 568-4B   | 1/4  | 1/4  |
| 568-4C   | 1/4  | 3/8  |
| 568-6B   | 3/8  | 1/4  |
| 568-6C   | 3/8  | 3/8  |
| 568-8C   | 1/2  | 3/8  |
| 568-8D   | 1/2  | 1/2  |



### 90° ELBOW Tube To Tube

| PART No. | Tube |
|----------|------|
| 565-4    | 1/4  |
| 565-6    | 3/8  |
| 565-8    | 1/2  |



### 90° ELBOW Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 569-4A   | 1/4  | 1/8  |
| 569-4B   | 1/4  | 1/4  |
| 569-6B   | 3/8  | 1/4  |
| 569-6C   | 3/8  | 3/8  |
| 569-8C   | 1/2  | 3/8  |
| 569-8D   | 1/2  | 1/2  |



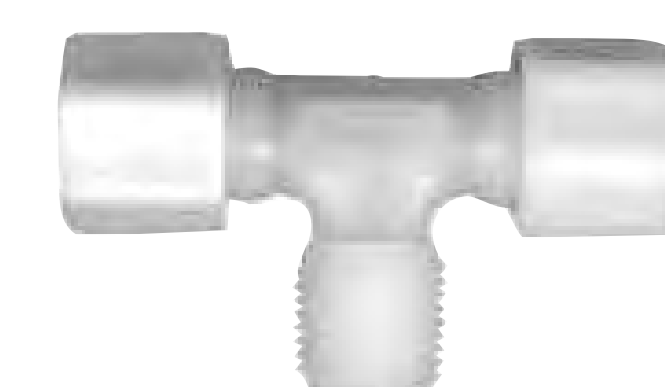
### 90° ELBOW Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 570-6B   | 3/8  | 1/4  |
| 570-6C   | 3/8  | 3/8  |



### TEE Tube Three Ends

| PART No. | Tube |
|----------|------|
| 564-4    | 1/4  |
| 564-6    | 3/8  |
| 564-8    | 1/2  |



### TEE Ends Tube Center Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 572-6B   | 3/8  | 1/4  |

Fairview carries a wide selection of nylon, polypropylene and metal tube.



### NOTE:

NYLON FITTINGS ARE ALSO AVAILABLE IN BLACK ON SPECIAL ORDER. (568BLK)  
Minimum quantities apply.

A



A



*Twist. Lock. Fit. It's Just That Simple.*  
ProLock fits everything, everywhere: copper, PEX, or CPVC. No adaptations, modifications, or tools. Ever.



**PEX Union Coupler**

| PART No.  | CTS/PEX Size |
|-----------|--------------|
| PSEI0416E | 3/8          |
| PSEI0420E | 1/2          |
| PSEI0428E | 3/4          |
| PSEI0436E | 1            |



**Reducing Coupler**

| PART No.    | CTS/PEX Size |
|-------------|--------------|
| PSEI202016E | 1/2 X 3/8    |
| PSEI202820E | 3/4 X 1/2    |
| PSEI203628E | 1 X 3/4      |



**Male Pipe Connector**

| PART No.    | Size CTS X NPT |
|-------------|----------------|
| PSEI011624E | 3/8 X 1/2      |
| PSEI012024E | 1/2 X 1/2      |
| PSEI012026E | 1/2 X 3/4      |
| PSEI012824E | 3/4 X 1/2      |
| PSEI012826E | 3/4 X 3/4      |
| PSEI012828E | 3/4 X 1        |
| PSEI013626E | 1 X 3/4        |
| PSEI013628E | 1 X 1          |

**Only to be used with plastic mating threads.**



**FEMALE CONNECTOR NPT THREADS**

| PART No.      | CTS/PEX Size X NPT |
|---------------|--------------------|
| PSEI622036E-L | 1/2 X 3/4          |
| PSEI622836E-L | 3/4 X 3/4          |
| PSEI622838E-L | 3/4 X 1            |
| PSEI623638E-L | 1 X 1              |
| PSEI62363AE-L | 1 X 1-1/4          |

**Hand tighten only for plastic mating threads.**



**Slip Connector**

| PART No. | CTS/PEX Size |
|----------|--------------|
| 1/2SCEP  | 1/2          |
| 3/4SCEP  | 3/4          |



**Male Stem Adapter NPT Threads**

| PART No.    | Stem Size X NPT |
|-------------|-----------------|
| PSEI052826E | 3/4 X 3/4       |
| PSEI053628E | 1 X 1           |

**Only to be used with plastic mating threads**



**Female Stem Adapter NPT Threads**

| PART No.    | Stem Size X NPT |
|-------------|-----------------|
| PSEI502034E | 1/2 X 1/2       |



**Plug-In Reducer**

| PART No.    | Stem x CTS/PEX Size |
|-------------|---------------------|
| PSEI062016E | 1/2 X 3/8           |
| PSEI062820E | 3/4 X 1/2           |
| PSEI063628E | 1 X 3/4             |



**ProLock CAP**

| PART No.  | CTS/PEX Size |
|-----------|--------------|
| PSEI4616E | 3/8          |
| PSEI4620E | 1/2          |
| PSEI4628E | 3/4          |
| PSEI4636E | 1            |



**Plug-In Elbow**

| PART No.    | Stem x CTS/PEX Size |
|-------------|---------------------|
| PSEI222020E | 1/2 x 1/2           |
| PSEI222828E | 3/4 x 3/4           |
| PSEI223636E | 1 x 1               |



**Male Pipe Fixed Elbow**

| PART No.    | Size CTS X NPT |
|-------------|----------------|
| PSEI482024E | 1/2 X 1/2      |

**Only to be used with plastic mating threads.**



**Female Elbow NPT Threads**

| PART No.      | CTS/PEX Size X NPT |
|---------------|--------------------|
| PSEI632836E-L | 3/4 X 3/4          |
| PSEI632838E-L | 3/4 X 1            |
| PSEI63283AE-L | 3/4 X 1-1/4        |
| PSEI63363AE-L | 1 X 1-1/4          |

**Hand tighten only for plastic mating threads.**



**Union Elbow**

| PART No.  | CTS/PEX Size |
|-----------|--------------|
| PSEI0316E | 3/8          |
| PSEI0320E | 1/2          |
| PSEI0328E | 3/4          |
| PSEI0336E | 1            |



**Reducing Elbow**

| PART No.    | CTS/PEX Size |
|-------------|--------------|
| PSEI212016E | 1/2 X 3/8    |
| PSEI212820E | 3/4 X 1/2    |
| PSEI213628E | 1 X 3/4      |



**ProLock Cookie Jar Display**

**PART No.** SCJ-PROLOCK Includes:

| Item      | Description                 | Qty. |
|-----------|-----------------------------|------|
| PSEI4620E | 1/2" CTS CAPS Black ProLock | 30   |
| PSEI4628E | 3/4" CTS CAPS Black ProLock | 15   |

**PART No.** PRO-ECCJ Includes:

| Item      | Description                 | Qty. |
|-----------|-----------------------------|------|
| PSEI4620E | 1/2" CTS CAPS Black ProLock | 50   |
| PSEI4628E | 3/4" CTS CAPS Black ProLock | 20   |



# PROLOCK PLUMBING FITTINGS

(HOT AND COLD WATER PLUMBING APPLICATIONS)

**Fairview**

**JG ProLock**



*Twist. Lock. Fit. It's Just That Simple.*

ProLock fits everything, everywhere: copper, PEX, or CPVC. No adaptations, modifications, or tools. Ever.



**Union Tee**

| PART No.  | CTS/PEX Size |
|-----------|--------------|
| PSEI0216E | 3/8          |
| PSEI0220E | 1/2          |
| PSEI0228E | 3/4          |
| PSEI0236E | 1            |



**Reducing Tee**

| PART No.   | CTS/PEX Size    |
|------------|-----------------|
| PSEI3016AE | 1/2 X 1/2 X 3/8 |
| PSEI3028AE | 3/4 X 3/4 X 1/2 |
| PSEI3028BE | 3/4 X 1/2 X 1/2 |
| PSEI3028CE | 1/2 X 1/2 X 3/4 |
| PSEI3028DE | 3/4 X 1/2 X 3/4 |
| PSEI3036AE | 1 X 1 X 3/4     |



**Stackable Tee**

| PART No.    | CTS/PEX Size    |
|-------------|-----------------|
| PSEI532020E | 1/2 X 1/2 X 1/2 |
| PSEI532820E | 3/4 X 3/4 X 1/2 |
| PSEI532828E | 3/4 X 3/4 X 3/4 |
| PSEI533628E | 1 X 1 X 3/4     |



**Brass Male Pipe Connector (Lead Free)**

| PART No.      | Size CTS X NPT |
|---------------|----------------|
| MWI011624LF-E | 3/8 X 1/2      |
| MWI012024LF-E | 1/2 X 1/2      |
| MWI012026LF-E | 1/2 X 3/4      |
| MWI012824LF-E | 3/4 X 1/2      |
| MWI012826LF-E | 3/4 X 3/4      |
| MWI012828LF-E | 3/4 X 1        |
| MWI013626LF-E | 1 X 3/4        |
| MWI013628LF-E | 1 X 1          |



**Brass Female Pipe Connector**

| PART No.    | Size CTS X NPS |
|-------------|----------------|
| PSEI601634E | 3/8 X 1/2      |
| PSEI602034E | 1/2 X 1/2      |
| PSEI602036E | 1/2 X 3/4      |
| PSEI602834E | 3/4 X 1/2      |
| PSEI602836E | 3/4 X 3/4      |
| PSEI603638E | 1 X 1          |



**Brass Male Pipe Stem Adapter (Lead Free)**

| PART No.    | Size CTS X NPT |
|-------------|----------------|
| MWI052024LF | 1/2 X 1/2      |
| MWI052826LF | 3/4 X 3/4      |

Manufactured in DZR Brass.



**Brass Female Pipe Elbow**

| PART No.    | Size CTS X NPS |
|-------------|----------------|
| PSEI612034E | 1/2 X 1/2      |
| PSEI612836E | 3/4 X 3/4      |



**Brass Wing Back Elbow**

| PART No. | Size CTS X NPT |
|----------|----------------|
| WBI2024E | 1/2 X 1/2      |

Not for potable water applications.



**ProLock Contractor Pack**

| PART No. PSEI-CONPAK-1 |                              |      |
|------------------------|------------------------------|------|
| Includes:              |                              |      |
| Item                   | Description                  | Qty. |
| PSEI4620E              | 1/2" CTS END CAPS, Black     | 10   |
| PSEI4628E              | 3/4" CTS END CAPS, Black     | 5    |
| PSEI0320E              | 1/2" CTS END ELBOWS, Black   | 10   |
| PSEI0328E              | 3/4" CTS END ELBOWS, Black   | 5    |
| PSEI0420E              | 1/2" CTS END COUPLERS, Black | 10   |
| PSEI0428E              | 3/4" CTS END COUPLERS, Black | 5    |

**John Guest**



*BLACK CTS JG TWIST & LOCK® FITTINGS*

FOR USE WITH COPPER, PEX AND CPVC PIPE

**NOT SUITABLE FOR GAS.**



**PEX Union Reducing Coupler**

| PART No.   | CTS/PEX Size |
|------------|--------------|
| PEI203628E | 1 x 3/4      |



**Tap Adaptor Reducing Coupler**

| PART No.  | Size Tube X BSPP        |
|-----------|-------------------------|
| CM320616E | 6mm push fit x 3/4" BSP |



**PEX Union Elbow**

| PART No. | CTS/PEX Size |
|----------|--------------|
| PEI0328E | 3/4          |
| PEI0336E | 1            |



**PEX Stem Elbow**

| PART No.   | Size           |
|------------|----------------|
| PEI222828E | 3/4 Stem - 3/4 |
| PEI223636E | 1 Stem - 1     |



**PEX Union Tee**

| PART No. | CTS/PEX Size |
|----------|--------------|
| PEI0228E | 3/4          |
| PEI0236E | 1            |



**Plug**

| PART No. | CTS/PEX Size |
|----------|--------------|
| PP0812E  | 3/8          |



**Female Swivel Elbow (Garden Hose Thread)**

| PART No. | Size O.D. X NH            |
|----------|---------------------------|
| NC2723   | 3/8 X 3/4 - 11.5          |
| NC2723P  | 3/8 X 3/4 - 11.5 Pkg. x 1 |

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**John Guest** <sup>®</sup>

**CTS JG TWIST & LOCK® FITTINGS**

FOR USE WITH COPPER, PEX AND CPVC PIPE

**METRIC FITTINGS AVAILABLE**



**PEX Union Coupler**

| PART No. | CTS/PEX Size |
|----------|--------------|
| PSEI0416 | 3/8          |
| PEI0420  | 1/2          |
| PEI0420P | 1/2 Pkg. x 1 |
| PEI0428  | 3/4          |
| PEI0428P | 3/4 Pkg. x 1 |
| PEI0436  | 1            |



**PEX Union Reducing Coupler**

| PART No.   | CTS/PEX Size       |
|------------|--------------------|
| PEI202820  | 3/4 x 1/2          |
| PEI202820P | 3/4 x 1/2 Pkg. x 1 |
| PEI203628  | 1 x 3/4            |



**PEX Union Reducer**

| PART No.    | CTS/PEX Size       |
|-------------|--------------------|
| PSEI062016  | 1/2 x 3/8          |
| PSEI062016P | 1/2 x 3/8 Pkg. x 1 |
| PEI062820   | 3/4 x 1/2          |
| PEI062820P  | 3/4 x 1/2 Pkg. x 1 |
| PEI063628   | 1 x 3/4            |



**Female Connector**

| PART No.    | Size                             |
|-------------|----------------------------------|
| PSEI6012U9  | 3/8 CTS x 9/16-24UNEF            |
| PSEI6012U9P | 3/8 Compression Threads Pkg. x 1 |



**Female Swivel Connector**

| PART No.    | Size CTS X NPS     |
|-------------|--------------------|
| PEISTC2034  | 1/2 X 1/2          |
| PEISTC2034P | 1/2 X 1/2 Pkg. x 1 |



**Male Pipe Connector**

| PART No.    | Size CTS X NPT     |
|-------------|--------------------|
| PSEI011624  | 3/8 X 1/2          |
| PSEI012024  | 1/2 X 1/2          |
| PSEI012024P | 1/2 X 1/2 Pkg. x 1 |
| PSEI012026  | 1/2 X 3/4          |
| PSEI012026P | 1/2 X 3/4 Pkg. x 1 |
| PSEI012826  | 3/4 X 3/4          |
| PSEI012826P | 3/4 X 3/4 Pkg. x 1 |
| PSEI013626  | 1 X 3/4            |
| PSEI013628  | 1 X 1              |

Only to be used with plastic mating threads



**Slip Connector**  
Burst Pipe Repair Fitting

| PART No. | CTS/PEX Size                        |
|----------|-------------------------------------|
| 1/2SCP   | Slip Connector, 1/2, Pre-packed x 1 |
| 3/4SCP   | Slip Connector, 3/4, Pre-packed x 1 |



**Female Ballcock Connector**

| PART No.    | Size CTS X UNS    |
|-------------|-------------------|
| PEISTC20C75 | 1/2 X 7/8 - 15/16 |



**Male Pipe Fixed Elbow**

| PART No.    | Size CTS X NPT     |
|-------------|--------------------|
| PSEI482024  | 1/2 X 1/2          |
| PSEI482024P | 1/2 X 1/2 Pkg. x 1 |

Only to be used with plastic mating threads



**PEX Union Elbow**

| PART No. | CTS/PEX Size |
|----------|--------------|
| PSEI0316 | 3/8          |
| PEI0320  | 1/2          |
| PEI0320P | 1/2 Pkg. x 1 |
| PEI0328  | 3/4          |
| PEI0328P | 3/4 Pkg. x 1 |
| PEI0336  | 1            |



**PEX Union Reducing Elbow**

| PART No.   | CTS/PEX Size       |
|------------|--------------------|
| PEI212820  | 3/4 x 1/2          |
| PEI212820P | 3/4 x 1/2 Pkg. x 1 |
| PEI213628  | 1 X 3/4            |



**PEX Stem Elbow**

| PART No.  | Size           |
|-----------|----------------|
| PEI222020 | 1/2 Stem - 1/2 |
| PEI222828 | 3/4 Stem - 3/4 |



**Female Swivel Elbow**

| PART No.    | Size CTS X NPS     |
|-------------|--------------------|
| PEIBTC2034  | 1/2 X 1/2          |
| PEIBTC2034P | 1/2 X 1/2 Pkg. x 1 |



**Female Ballcock Elbow**

| PART No.    | Size CTS X UNS    |
|-------------|-------------------|
| PEIBTC20C75 | 1/2 X 7/8 - 15/16 |



**PEX Union Tee**

| PART No. | CTS/PEX Size |
|----------|--------------|
| PEI0220  | 1/2          |
| PEI0220P | 1/2 Pkg. x 1 |
| PEI0228  | 3/4          |
| PEI0228P | 3/4 Pkg. x 1 |
| PEI0236  | 1            |



**Pipe Insert**

| PART No. | Size CTS        |
|----------|-----------------|
| TSI20    | 1/2             |
| TSI20P   | 1/2 Bagged x 10 |
| TSI28    | 3/4             |
| TSI28P   | 3/4 Bagged x 5  |
| TSI36    | 1               |



# PUSH-FIT PLUMBING FITTINGS

(HOT AND COLD WATER PLUMBING APPLICATIONS)

**Fairview**

**John Guest** <sup>®</sup> 

**CTS JG TWIST & LOCK<sup>®</sup> FITTINGS**  
FOR USE WITH COPPER, PEX AND CPVC PIPE

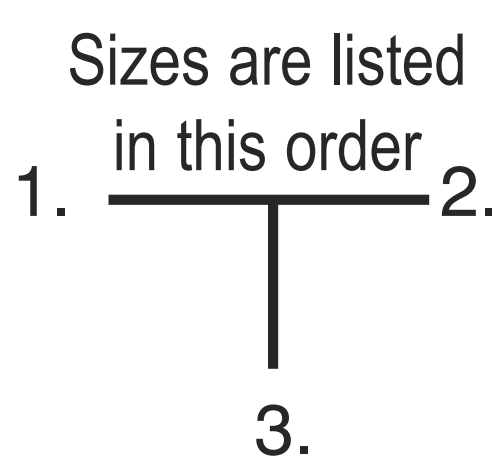
## METRIC FITTINGS AVAILABLE



**PEX Reducing Tee**

**PART No.**

PEI3028A  
PEI3028AP  
PEI3028B  
PEI3028C  
PEI3028D  
PEI3036A



**CTS/PEX Size**

| 1               | 2                        | 3               |
|-----------------|--------------------------|-----------------|
| 3/4 x 3/4 x 1/2 | 3/4 x 3/4 x 1/2 Pkg. x 1 | 3/4 x 1/2 x 1/2 |
| 1/2 x 1/2 x 3/4 | 3/4 x 1/2 x 3/4          | 1" x 1" x 3/4   |



**Stackable Tee**

**PART No.**

PEI532020  
PEI532820  
PEI532828

**CTS/PEX Size**

| 1                    | 2                    | 3                    |
|----------------------|----------------------|----------------------|
| 1/2 x 1/2 Stem x 1/2 | 3/4 x 3/4 Stem x 1/2 | 3/4 x 3/4 Stem x 3/4 |



Ideal for multi-port manifold



**Slip Tee Connector**

**PART No.**

1/2TKP  
3/4TKP

**CTS/PEX Size**

Slip T Connector, 1/2" CTS, Pre-packed x 1  
Slip T Connector, 3/4" CTS, Pre-packed x 1



**Female Pipe Connector**

**PART No.**

PEI452034  
PSEI452826  
PSEI452826P

**Size CTS X NPS**

1/2 X 1/2  
3/4 X 3/4  
3/4 X 3/4 Pkg. x 1

**Easy to Connect**



**Easy to Disconnect**



The unique feature of the speedfit concept is the ability to connect and disconnect the Test Cap. Test caps also provide a leak-proof seal. They can be used to temporarily "cap-off" installations for pressure testing and rough inspections. With Speedfit Test Caps here is no need for tools, sweating or threading. They can be used with plastic or copper pipe, and are reusable many times over.



**Garden Hose Tube (Lead Free)**

**PART No.**

NC2098LF  
NC2249LF (Plastic nut)  
NC2258 (Brass nut - Plastic tube)

**GH X CTS**

3/4 GH X 1/4  
3/4 BSP X 3/8  
3/8 x 3/4 - 11.5 NH



**Female Flare Connector**

**PART No.**

MI4508F4SLF  
MI4512F4SLF  
MI4512F6SLF

**Size CTS X Flare**

1/4 X 1/4  
3/8 X 1/4  
3/8 X 3/8



**Brass Male Pipe Stem Adapter (Lead Free)**

**PART No.**

MWI012024LF  
MWI012026LF  
MWI012826LF

**Size CTS X NPT**

1/2 X 1/2  
1/2 X 3/4  
3/4 X 3/4

Manufactured in DZR Brass.



**Brass Male Pipe Connector (Lead Free)**

**PART No.**

MWI012024LF  
MWI012026LF  
MWI012826LF

**Size CTS X NPT**

1/2 X 1/2  
1/2 X 3/4  
3/4 X 3/4



**Wing Back Elbow**

**PART No.**

WBI2024E  
Black Collet

**Size CTS X NPT**

1/2 X 1/2

Not for potable water applications.



**Nail Clip**

**PART No.**

NPCI20  
NPCI28

**Size CTS**

1/2  
3/4



**CTS Size Metal Half Cartridges**

**PART No.**

MWI2836

**Size CTS**

1



**End Cap**

**PART No.**

PSEI4620  
PSEI4620P  
PSEI4628  
PSEI4628P  
PSEI4636  
PSEI4620B  
PSEI4620R  
PSEI4628B  
PSEI4628R

**CTS/PEX Size**

1/2  
1/2 Pkg. x 1  
3/4  
3/4 Pkg. x 1  
1  
1/2 Blue  
1/2 Red  
3/4 Blue  
3/4 Red

**Cookie Jar Display**



**PART No.**

PEI-ECCJ

**Includes:**

Item

PSEI4620  
PSEI4628

**Description**

1/2" CTS CAPS White  
3/4" CTS CAPS White

**Qty.**

50  
20

**Cookie Jar Display**



**PART No.**

RWB-ECCJ

**Includes:**

Item

PSEI4620  
PSEI4620B  
PSEI4620R  
PSEI4628  
PSEI4628B  
PSEI4628R

**Description**

1/2" CTS CAPS, White  
1/2" CTS CAPS, Blue  
1/2" CTS CAPS, Red  
3/4" CTS END CAPS, White  
3/4" CTS END CAPS, Blue  
3/4" CTS END CAPS, Red

**Qty.**

20  
20  
20  
10  
10  
10

**Also includes:**

Clear Cookie jar & labels. Some assembly required.

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**John Guest**

*WHITE POLYPROPYLENE INCH FITTINGS*  
 WITH FOOD GRADE EPDM O-RINGS; NOT SUITABLE FOR COMPRESSED AIR OR HEATING APPLICATIONS

**Working Pressure and Temperatures**  
 Water Max. 150 psi @ 70°F (10 Bar AT 20°C)  
 Max. 60 psi @ 140°F (4 Bar AT 60°C)  
 Min. 33°F / 1°C

The PP Range of inch-size push in fittings is offered for tube sizes 1/4 O.D. to 1/2 O.D.



**Male Pipe Connector**

| PART No.   | Size Tube X NPTF        |
|------------|-------------------------|
| PP010821W  | 1/4 x 1/8 NPTF          |
| PP010821WP | 1/4 x 1/8 NPTF Pkg. x 1 |
| PP010822W  | 1/4 x 1/4 NPTF          |
| PP010822WP | 1/4 x 1/4 NPTF Pkg. x 1 |
| PP010823W  | 1/4 x 3/8 NPTF          |
| PP010823WP | 1/4 x 3/8 NPTF Pkg. x 1 |
| PP010824W  | 1/4 x 1/2 NPTF          |
| PP010824WP | 1/4 x 1/2 NPTF Pkg. x 1 |
| PP011222W  | 3/8 x 1/4 NPTF          |
| PP011222WP | 3/8 x 1/4 NPTF Pkg. x 1 |
| PP011223W  | 3/8 x 3/8 NPTF          |
| PP011223WP | 3/8 x 3/8 NPTF Pkg. x 1 |
| PP011224W  | 3/8 x 1/2 NPTF          |
| PP011224WP | 3/8 x 1/2 NPTF Pkg. x 1 |
| PP011623W  | 1/2 x 3/8 NPTF          |
| PP011623WP | 1/2 x 3/8 NPTF Pkg. x 1 |
| PP011624W  | 1/2 x 1/2 NPTF          |
| PP011624WP | 1/2 x 1/2 NPTF Pkg. x 1 |



**Union Connector**

| PART No.  | Size Tube     |
|-----------|---------------|
| PP0408W   | 1/4           |
| PPM0408W  | 5/16          |
| PPM0408WP | 5/16 Pkg. x 1 |
| PP0412W   | 3/8           |
| PP0416W   | 1/2           |
| PP0416WP  | 1/2 Pkg. x 1  |



**Reducing Union Connector**

| PART No.   | Size Tube           |
|------------|---------------------|
| PP201008WP | 5/16 - 1/4 Pkg. x 1 |
| PP201208W  | 3/8 - 1/4           |
| PP201612W  | 1/2 - 3/8           |



**Stem Adapter**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PP050821W | 1/4 x 1/8 NPTF   |
| PP050822W | 1/4 x 1/4 NPTF   |
| PP051222W | 3/8 x 1/4 NPTF   |
| PP051223W | 3/8 x 3/8 NPTF   |
| PP051623W | 1/2 x 3/8 NPTF   |
| PP051624W | 1/2 x 1/2 NPTF   |



**Tube To Hose Stem**

| PART No.  | Size Stem X Tube |
|-----------|------------------|
| PP251212W | 3/8 x 3/8 Tube   |
| PP251216W | 1/2 x 3/8 Tube   |
| PP251612W | 5/8 x 1/4 Tube   |
| PP251616W | 5/8 x 3/8 Tube   |



**Reducer**

| PART No.  | Size Stem X Tube |
|-----------|------------------|
| PP061208W | 3/8 x 1/4 Tube   |
| PP061210W | 3/8 x 5/16 Tube  |
| PP061612W | 1/2 x 3/8 Tube   |
| PP062008W | 5/8 x 1/4 Tube   |
| PP062012W | 5/8 x 3/8 Tube   |
| PP062016W | 5/8 x 1/2 Tube   |



**Bulkhead Union**

| PART No. | Size Tube/Opening |
|----------|-------------------|
| PP1208W  | 1/4 0.67          |
| PP1212W  | 3/8 0.83          |
| PP1216W  | 1/2 1.06          |

*Polypropylene Bulkhead Unions are not intended for submerged use.*



**Reducing Bulkhead Union**

| PART No.  | Size Tube / Hole |
|-----------|------------------|
| PP121208W | 3/8 - 1/4 0.83   |



**Female Adapter**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PP450821W | 1/4 x 1/8        |
| PP450822W | 1/4 x 1/4        |
| PP451222W | 3/8 x 1/4        |
| PP451223W | 3/8 x 3/8        |



**Faucet Connector**

| PART No.  | Size Tube X UNS |
|-----------|-----------------|
| PP3208U7W | 1/4 x 7/16 - 24 |
| PP3212U7W | 3/8 x 7/16 - 24 |



**Female Connector**

| PART No.  | Size Tube x UNEF |
|-----------|------------------|
| PP6008U9W | 1/4 x 9/16 - 24  |



**Plug**

| PART No. | Size Stem |
|----------|-----------|
| PP0808W  | 1/4 Stem  |
| PPM0808W | 5/16 Stem |
| PP0812W  | 3/8 Stem  |
| PP0816W  | 1/2 Stem  |



**End Cap**

| PART No. | Size Tube    |
|----------|--------------|
| PP4608W  | 1/4          |
| PP4608WP | 1/4 Pkg. x 1 |



**Fixed Elbow**

| PART No.   | Size Tube X NPTF        |
|------------|-------------------------|
| PP480821W  | 1/4 x 1/8 NPTF          |
| PP480821WP | 1/4 x 1/8 NPTF Pkg. x 1 |
| PP480822W  | 1/4 x 1/4 NPTF          |
| PP480823W  | 1/4 x 3/8 NPTF          |
| PP481222W  | 3/8 x 1/4 NPTF          |
| PP481223W  | 3/8 x 3/8 NPTF          |
| PP481623W  | 1/2 x 3/8 NPTF          |
| PP481623WP | 1/2 x 3/8 NPTF Pkg. x 1 |



**John Guest** <sup>®</sup>

**WHITE POLYPROPYLENE INCH FITTINGS**

WITH FOOD GRADE EPDM O-RINGS; NOT SUITABLE FOR COMPRESSED AIR OR HEATING APPLICATIONS

**Working Pressure and Temperatures**

Water Max. 150 psi @ 70°F (10 Bar AT 20°C)  
Max. 60 psi @ 140°F (4 Bar AT 60°C)  
Min. 33°F / 1°C

The PP Range of inch-size push in fittings is offered for tube sizes 1/4 O.D. to 1/2 O.D.



**Union Elbow**

| PART No.    | Size Tube |
|-------------|-----------|
| PP0308W     | 1/4       |
| PPM0308W    | 5/16      |
| PP0312W     | 3/8       |
| PP0316W     | 1/2       |
| Blue Collet |           |
| PP0308W-B   | 1/4       |



**Reducing Union Elbow**

| PART No.  | Size Tube  |
|-----------|------------|
| PP211008W | 5/16 - 1/4 |
| PP211208W | 3/8 - 1/4  |
| PP211612W | 1/2 - 3/8  |



**Swivel Elbow**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PP090821W | 1/4 x 1/8 NPTF   |
| PP090822W | 1/4 x 1/4 NPTF   |
| PP091222W | 3/8 x 1/4 NPTF   |
| PP091223W | 3/8 x 3/8 NPTF   |



**Plug-In Elbow**

| PART No.    | Size Tube   |
|-------------|-------------|
| PP220808W   | 1/4 - 1/4   |
| PPM220808W  | 5/16 - 5/16 |
| PP221208W   | 3/8 - 1/4   |
| PP221212W   | 3/8 - 3/8   |
| PP221616W   | 1/2 - 1/2   |
| Blue Collet |             |
| PP221212W-B | 3/8 - 3/8   |



**Union Tee**

| PART No.    | Size Tube    |
|-------------|--------------|
| PP0208W     | 1/4          |
| PP0208WP    | 1/4 Pkg. x 1 |
| PP0212W     | 3/8          |
| PP0212WP    | 3/8 Pkg. x 1 |
| PP0216W     | 1/2          |
| PP0216WP    | 1/2 Pkg. x 1 |
| Blue Collet |              |
| PP0208W-B   | 1/4          |



**Reducing Tee**

Sizes are listed in this order

| PART No.    | 1.  | 2.  | 3.  | Size Tube       |
|-------------|-----|-----|-----|-----------------|
| PP30080812W | 1/4 | 1/4 | 3/8 | 1/4 x 1/4 x 3/8 |
| PP30120812W | 3/8 | 1/4 | 3/8 | 3/8 x 1/4 x 3/8 |
| PP30121208W | 3/8 | 3/8 | 1/4 | 3/8 x 3/8 x 1/4 |
| PP301612W   | 1/2 | 1/2 | 3/8 | 1/2 x 1/2 x 3/8 |



**Fixed Branch Tee**

| PART No.  | Size Tube X NPTF     |
|-----------|----------------------|
| PP101223W | 3/8 x 3/8 x 3/8 NPTF |



**Swivel Branch Tee**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PP100821W | 1/4 x 1/8 NPTF   |
| PP100822W | 1/4 x 1/4 NPTF   |
| PP101222W | 3/8 x 1/4 NPTF   |
| PP101223W | 3/8 x 3/8 NPTF   |



**Swivel Male Run Tee**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PP110821W | 1/4 x 1/8 NPTF   |
| PP110822W | 1/4 x 1/4 NPTF   |
| PP111222W | 3/8 x 1/4 NPTF   |
| PP111223W | 3/8 x 3/8 NPTF   |



**Stackable Tee**

| PART No.  | Size Tube x Tube OD |
|-----------|---------------------|
| PP101223W | 3/8 x 3/8 x 3/8     |



**Two-Way Divider**

| PART No. | Size Tube |
|----------|-----------|
| PP2312W  | 3/8       |



**Unequal Two-Way Divider**

| PART No.  | Size Tube In - Out |
|-----------|--------------------|
| PP241208W | 3/8 - 1/4          |



**Three-Way Divider**

| PART No.  | Size Tube |
|-----------|-----------|
| PP491208W | 3/8 x 1/4 |



**PART No.**  
KIT-ISRK  
Polypropylene Service and Repair Kit, 1/4"/3/8", White

**Includes:** 1/4 x 1/4 Male Connector(5) 3/8 x 1/4 Male Connector(5) 3/8 x 3/8 Male Connector(5) 1/4 Tee(5) 3/8 Tee(5) 1/4 Elbow(5) 3/8 Elbow(5) 1/4 Union(5) 3/8 Union(5) 3/8-1/4 Reducer(5) 3/8 x 1/4 Reducing Union(5) 1/4 x 1/4 Plug in Elbow(5) 3/8 x 3/8 Plug in Elbow(5) 1/4 x 1/4 Female Connector(5) 3/8 x 3/8 Female Connector(5) 1/4 x 1/4 Male Fixed Elbow(5) 3/8 x 3/8 Male Fixed Elbow(5) 1/4 Shut Off Valve(3) 3/8 x 3/8 x 1/4 Angle Stop Adapter Valve(2) 1/2 x 3/8 x 1/4 Angle Stop Adapter Valve(1) Tube Cutter(1)

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**John Guest**



*1/2 INCH ACETAL FITTINGS*

FOR USES INVOLVING FOODSTUFF, POTABLE LIQUIDS, AIR, INSERT GASSES AND VACUUM.

The PI Range of inch-size push in fittings is offered for tube sizes 5/32 O.D. to 5/8 O.D.



**Male Pipe Connector**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PM010421S | 5/32 x 1/8 NPTF  |
| PM010422S | 5/32 x 1/4 NPTF  |
| PI010621S | 3/16 x 1/8 NPTF  |
| PI010821S | 1/4 x 1/8 NPTF   |
| PI010822S | 1/4 x 1/4 NPTF   |
| PI010823S | 1/4 x 3/8 NPTF   |
| PM010821S | 5/16 x 1/8 NPTF  |
| PM010822S | 5/16 x 1/4 NPTF  |
| PM010823S | 5/16 x 3/8 NPTF  |
| PI011221S | 3/8 x 1/8 NPTF   |
| PI011222S | 3/8 x 1/4 NPTF   |
| PI011223S | 3/8 x 3/8 NPTF   |
| PI011224S | 3/8 x 1/2 NPTF   |
| PI011623S | 1/2 x 3/8 NPTF   |
| PI011624S | 1/2 x 1/2 NPTF   |
| PI012026S | 5/8 x 3/4 NPTF   |



**Male Pipe Connector**

| PART No.  | Size Tube X BSPT |
|-----------|------------------|
| PM010401S | 5/32 x 1/8 BSPT  |
| PM010402S | 5/32 x 1/4 BSPT  |
| PI010601S | 3/16 x 1/8 BSPT  |
| PI010602S | 3/16 x 1/4 BSPT  |
| PI010801S | 1/4 x 1/8 BSPT   |
| PI010802S | 1/4 x 1/4 BSPT   |
| PM010801S | 5/16 x 1/8 BSPT  |
| PM010802S | 5/16 x 1/4 BSPT  |
| PM010803S | 5/16 x 3/8 BSPT  |
| PI011202S | 3/8 x 1/4 BSPT   |
| PI011203S | 3/8 x 3/8 BSPT   |
| PI011603S | 1/2 x 3/8 BSPT   |
| PI011604S | 1/2 x 1/2 BSPT   |



**Male Pipe Connector**

| PART No.  | Size Tube X BSPP |
|-----------|------------------|
| PI010812S | 1/4 x 1/4 BSPP   |
| PI011212S | 3/8 x 1/4 BSPP   |
| PI011213S | 3/8 x 3/8 BSPP   |

| PART No.    | Size Tube X BSPP          |
|-------------|---------------------------|
| NCPI011211S | No Seal 3/8 x 1/8 BSPP    |
| NCPI011212S | Large Seal 3/8 x 1/4 BSPP |

3/8 X 1/4 Has special large seal for use with chamfered face ports.  
NO thread seal on 3/8 X 1/8



**Male Flare Connector**

| PART No.  | Size Tube X MFL   |
|-----------|-------------------|
| PI0108F4S | 1/4 x 1/4 MFL     |
| PM0108F5S | 5/16 x 5/16 MFL   |
| PI0112F4S | 3/8 x 1/4 MFL     |
| PI0112F5S | 3/8 x 5/16 MFL    |
| PI0112F6S | 3/8 x 3/8 MFL     |
| PI0112F8S | 3/8 x 1/2 MFL     |
| PI0116F8S | 1/2 x 1/2 MFL     |
| PM0108C5S | 5/16 x 1/2 - 16UN |
| PI0112C5S | 3/8 x 1/2 - 16UN  |

1/4 (MFL) corresponds to a 7/16-20 UNF thread.  
5/16 (MFL) corresponds to a 1/2-20 UNF thread.  
3/8 (MFL) corresponds to a 5/8-18 UNF thread.  
1/2 (MFL) corresponds to a 3/4-16 UNF thread.



**Outlet Adapter**

| PART No.  | Size Tube X BSPP |
|-----------|------------------|
| NC128/112 | 3/8 x 1/4 BSPP   |



**Union Connector**

| PART No. | Size Tube |
|----------|-----------|
| PM0404S  | 5/32      |
| PI0406S  | 3/16      |
| PI0408S  | 1/4       |
| PM0408S  | 5/16      |
| PI0412S  | 3/8       |
| PI0416S  | 1/2       |



**Reducing Union Connector**

| PART No.  | Size Tube   |
|-----------|-------------|
| PI200806S | 1/4 X 3/16  |
| PM200804S | 5/16 X 5/32 |
| PI201006S | 5/16 X 3/16 |
| PI201008S | 5/16 X 1/4  |
| PI201206S | 3/8 X 3/16  |
| PI201208S | 3/8 X 1/4   |
| PI201210S | 3/8 X 5/16  |
| PI201608S | 1/2 X 1/4   |
| PI201610S | 1/2 X 5/16  |
| PI201612S | 1/2 X 3/8   |



**Female Connector**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PI450822S | 1/4 x 1/4 NPTF   |
| PI451222S | 3/8 x 1/4 NPTF   |



**Female Connector**

| PART No.  | Size Tube X UN     |
|-----------|--------------------|
| PM4508C5S | 5/16 x 1/2 - 16 UN |
| PI4512C5S | 3/8 x 1/2 - 16 UN  |
| PI4516C5S | 1/2 x 1/2 - 16 UN  |



**Female Flare Connector**

| PART No.  | Size Tube X FFL |
|-----------|-----------------|
| PM4508F4S | 5/16 x 1/4 FFL  |
| PI4512F4S | 3/8 x 1/4 FFL   |
| PI4512F6S | 3/8 x 3/8 FFL   |

1/4 (FFL) Corresponds to a 7/16 - 20 UNF  
3/8 (FFL) Corresponds to a 5/8 - 18 UNF



**Female Connector BSPP Cone End**

| PART No.   | Size Tube X BSPP |
|------------|------------------|
| PI451014CS | 5/16 x 1/2 BSPP  |
| PI451015CS | 5/16 x 5/8 BSPP  |
| PI451214CS | 3/8 x 1/2 BSPP   |
| PI451215CS | 3/8 x 5/8 BSPP   |
| PI451614CS | 1/2 x 1/2 BSPP   |
| PI451616CS | 1/2 x 3/4 BSPP   |



**Female Connector BSPP Flat End**

| PART No.   | Size Tube X BSPP |
|------------|------------------|
| PI451014FS | 5/16 x 1/2 BSPP  |
| PI451015FS | 5/16 x 5/8 BSPP  |
| PI451213S  | 3/8 x 3/8 BSPP   |
| PI451214FS | 3/8 x 1/2 BSPP   |
| PI451215FS | 3/8 x 5/8 BSPP   |
| PI451613S  | 1/2 x 3/8 BSPP   |
| PI451615FS | 1/2 x 5/8 BSPP   |



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**Faucet Connector**

| PART No.  | Size Tube X UNS      |
|-----------|----------------------|
| CI3208U7S | 1/4 x 7/16 - 24 UNS  |
| CI3210U7S | 5/16 x 7/16 - 24 UNS |
| CI3212U7S | 3/8 x 7/16 - 24 UNS  |

*Not suitable for air.*  
7/16 - 24 UNS = 1/4 Compression Thread



**Faucet Connector**

| PART No.  | Size Tube X BSPP |
|-----------|------------------|
| CI320814S | 1/4 x 1/2 BSPP   |
| CI320816S | 1/4 x 3/4 BSPP   |
| CI321214S | 3/8 x 1/2 BSPP   |
| CI321216S | 3/8 x 3/4 BSPP   |

*Not suitable for air.*



**Female Connector**

| PART No.   | Size Tube X BSP |
|------------|-----------------|
| CI320816FS | 1/4 x 3/4 BSP   |
| CI321216FS | 3/8 x 3/4 BSP   |

*Not suitable for air.*



**Bulkhead Union**

| PART No. | Size | Tube/Hole |
|----------|------|-----------|
| PM1204S  | 5/32 | 0.67      |
| PI1206S  | 3/16 | 0.67      |
| PI1208S  | 1/4  | 0.67      |
| PM1208S  | 5/16 | 0.83      |
| PP1212S  | 3/8  | 0.83      |
| PI1216S  | 1/2  | 1.06      |
| PP1216S  | 1/2  | 1.06      |



**Reducing Bulkhead Union**

| PART No.   | Size      | Tube/Hole |
|------------|-----------|-----------|
| NC392-02 * | 1/2 - 1/4 | 0.83      |
| PI121208S  | 3/8 - 1/4 | 0.83      |

\* Bulk packaged 5,000



**Stem Adapter**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PM050421S | 5/32 x 1/8 NPTF  |
| PM050422S | 5/32 x 1/4 NPTF  |
| PI050621S | 3/16 x 1/8 NPTF  |
| PI050821S | 1/4 x 1/8 NPTF   |
| PI050822S | 1/4 x 1/4 NPTF   |
| PI050823S | 1/4 x 3/8 NPTF   |
| PM050821S | 5/16 x 1/8 NPTF  |
| PM050822S | 5/16 x 1/4 NPTF  |
| PM050823S | 5/16 x 3/8 NPTF  |
| PI051222S | 3/8 x 1/4 NPTF   |
| PI051223S | 3/8 x 3/8 NPTF   |
| PI051623S | 1/2 x 3/8 NPTF   |
| PI051624S | 1/2 x 1/2 NPTF   |



**Stem Adapter**

| PART No.  | Size Tube X BSPT |
|-----------|------------------|
| PI050601S | 3/16 x 1/8 BSPT  |
| PI050801S | 1/4 x 1/8 BSPT   |
| PI050802S | 1/4 x 1/4 BSPT   |
| PM050801S | 5/16 x 1/8 BSPT  |
| PM050802S | 5/16 x 1/4 BSPT  |
| PM050803S | 5/16 x 3/8 BSPT  |
| PI051202S | 3/8 x 1/4 BSPT   |
| PI051203S | 3/8 x 3/8 BSPT   |
| PI051603S | 1/2 x 3/8 BSPT   |
| PI051604S | 1/2 x 1/2 BSPT   |



**Stem Adapter**

| PART No.  | Size Tube X BSPP |
|-----------|------------------|
| PM050812S | 5/16 x 1/4 BSPP  |
| PI051212S | 3/8 x 1/4 BSPP   |
| PI051213S | 3/8 x 3/8 BSPP   |



**Enlarger**

| PART No.  | Size | Stem/Tube |
|-----------|------|-----------|
| PI131012S | 5/16 | - 3/8     |
| PI131216S | 3/8  | - 1/2     |



**Reducer**

| PART No.  | Size Stem X Tube |
|-----------|------------------|
| PI060605S | 3/16 x 5/32 TUBE |
| PI061006S | 5/16 x 3/16 TUBE |
| PI061008S | 5/16 x 1/4 TUBE  |
| PI061206S | 3/8 x 3/16 TUBE  |
| PI061208S | 3/8 x 1/4 TUBE   |
| PI061210S | 3/8 x 5/16 TUBE  |
| PI061610S | 1/2 x 5/16 TUBE  |
| PI061612S | 1/2 x 3/8 TUBE   |



**Tube To Hose Stem**

| PART No.  | Size Stem X Hose |
|-----------|------------------|
| PI250806S | 1/4 x 3/16 Hose  |
| PI250808S | 1/4 x 1/4 Hose   |
| PI250810S | 1/4 x 5/16 Hose  |
| PI251006S | 5/16 x 3/16 Hose |
| PI251008S | 5/16 x 1/4 Hose  |
| PM250808S | 5/16 x 5/16 Hose |
| PI251012S | 5/16 x 3/8 Hose  |
| PI251208S | 3/8 x 1/4 Hose   |
| PI251210S | 3/8 x 5/16 Hose  |
| PI251212S | 3/8 x 3/8 Hose   |
| PI251216S | 3/8 x 1/2 Hose   |
| PI251612S | 1/2 x 3/8 Hose   |
| PI251616S | 1/2 x 1/2 Hose   |



**Tube To Hose Stem Long Version**

| PART No.   | Size Stem X Hose |
|------------|------------------|
| PI251012SL | 5/16 x 3/8 Hose  |
| PI251212SL | 3/8 x 3/8 Hose   |



**Union Elbow**

| PART No.    | Size Tube |
|-------------|-----------|
| PM0304S     | 5/32      |
| PI0306S     | 3/16      |
| PI0308S     | 1/4       |
| PM0308S     | 5/16      |
| PI0312S     | 3/8       |
| PI0316S     | 1/2       |
| Blue Collet |           |
| PI0308S-B   | 1/4       |

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**John Guest**



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**Reducing Union Elbow**

| PART No.  | Size Tube   |
|-----------|-------------|
| PM210804S | 5/16 X 5/32 |
| PI211006S | 5/16 X 3/16 |
| PI211008S | 5/16 X 1/4  |
| PI211206S | 3/8 X 3/16  |
| PI211208S | 3/8 X 1/4   |
| PI211210S | 3/8 X 5/16  |
| PI211610S | 1/2 X 5/16  |
| PI211612S | 1/2 X 3/8   |



**Fixed Elbow**

| PART No.  | Size Tube/NTPF  |
|-----------|-----------------|
| PI480821S | 1/4 x 1/8 NPTF  |
| PI480822S | 1/4 x 1/4 NPTF  |
| PI480823S | 1/4 x 3/8 NPTF  |
| PI481022S | 5/16 x 1/4 NPTF |
| PI481023S | 5/16 x 3/8 NPTF |
| PI481222S | 3/8 x 1/4 NPTF  |
| PI481223S | 3/8 x 3/8 NPTF  |
| PI482024S | 5/8 x 1/2 NPTF  |



**Swivel Elbow**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PM090421S | 5/32 x 1/8 NPTF  |
| PM090422S | 5/32 x 1/4 NPTF  |
| PI090621S | 3/16 x 1/8 NPTF  |
| PI090821S | 1/4 x 1/8 NPTF   |
| PI090822S | 1/4 x 1/4 NPTF   |
| PM090821S | 5/16 x 1/8 NPTF  |
| PM090822S | 5/16 x 1/4 NPTF  |
| PM090823S | 5/16 x 3/8 NPTF  |
| PI091221S | 3/8 x 1/8 NPTF   |
| PI091222S | 3/8 x 1/4 NPTF   |
| PI091223S | 3/8 x 3/8 NPTF   |
| PI091622S | 1/2 x 1/4 NPTF   |
| PI091623S | 1/2 x 3/8 NPTF   |
| PI091624S | 1/2 x 1/2 NPTF   |



**Swivel Elbow BSPT**

| PART No.  | Size Tube X BSPT |
|-----------|------------------|
| PI090601S | 3/16 x 1/8 BSPT  |
| PI090801S | 1/4 x 1/8 BSPT   |
| PI090802S | 1/4 x 1/4 BSPT   |
| PM090801S | 5/16 x 1/8 BSPT  |
| PM090802S | 5/16 x 1/4 BSPT  |
| PM090803S | 5/16 x 3/8 BSPT  |
| PI091202S | 3/8 x 1/4 BSPT   |
| PI091203S | 3/8 x 3/8 BSPT   |
| PI091603S | 1/2 x 3/8 BSPT   |
| PI091604S | 1/2 x 1/2 BSPT   |



**Plug In Elbow**

| PART No.  | Stem X Size Tube |
|-----------|------------------|
| PM220404S | 5/32 x 5/32 Tube |
| PI220606S | 3/16 x 3/16 Tube |
| PI220808S | 1/4 x 1/4 Tube   |
| PM220808S | 5/16 x 5/16 Tube |
| PI221206S | 3/8 x 3/16 Tube  |
| PI221208S | 5/16 x 1/4 Tube  |
| PI221210S | 5/16 x 3/8 Tube  |
| PI221212S | 3/8 x 1/4 Tube   |
| PI221616S | 3/8 x 3/8 Tube   |



**Dispensing Valve Elbow**

| PART No. | Size Tube X Stem |
|----------|------------------|
| NC356-02 | 3/8 - 3/8        |



**Tube To Hose Elbow**

| PART No.  | Size Stem X Hose |
|-----------|------------------|
| PI290808S | 1/4 x 1/4 Hose   |
| PI290810S | 1/4 x 5/16 Hose  |
| PI291008S | 5/16 x 1/4 Hose  |
| PM290808S | 5/16 x 5/16 Hose |
| PI291208S | 3/8 x 1/4 Hose   |
| PI291210S | 3/8 x 5/16 Hose  |



**Union Tee**

| PART No. | Size Tube |
|----------|-----------|
| PM0204S  | 5/32      |
| PI0206S  | 3/16      |
| PI0208S  | 1/4       |
| PM0208S  | 5/16      |
| PI0212S  | 3/8       |
| PI0216S  | 1/2       |



**Reducing Tee**

| PART No.  | Size Tube |
|-----------|-----------|
| PI301208S | 3/8 - 1/4 |
| PI301612S | 1/2 - 3/8 |



**Swivel Branch Tee**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PM100421S | 5/32 x 1/8 NPTF  |
| PM100422S | 5/32 x 1/4 NPTF  |
| PI100621S | 3/16 x 1/8 NPTF  |
| PI100821S | 1/4 x 1/8 NPTF   |
| PI100822S | 1/4 x 1/4 NPTF   |
| PM100821S | 5/16 x 1/8 NPTF  |
| PM100822S | 5/16 x 1/4 NPTF  |
| PM100823S | 5/16 x 3/8 NPTF  |
| PI101222S | 3/8 x 1/4 NPTF   |
| PI101223S | 3/8 x 3/8 NPTF   |
| PI101623S | 1/2 x 3/8 NPTF   |
| PI101624S | 1/2 x 1/2 NPTF   |



**Swivel Branch Tee**

| PART No.  | Size Tube X BSPT |
|-----------|------------------|
| PI100601S | 3/16 x 1/8 BSPT  |
| PI100801S | 1/4 x 1/8 BSPT   |
| PI100802S | 1/4 x 1/4 BSPT   |
| PM100801S | 5/16 x 1/8 BSPT  |
| PM100802S | 5/16 x 1/4 BSPT  |
| PM100803S | 5/16 x 3/8 BSPT  |
| PI101202S | 3/8 x 1/4 BSPT   |
| PI101203S | 3/8 x 3/8 BSPT   |
| PI101603S | 1/2 x 3/8 BSPT   |
| PI101604S | 1/2 x 1/2 BSPT   |



**Swivel Run Tee**

| PART No.  | Size Tube X NPTF |
|-----------|------------------|
| PM110421S | 5/32 x 1/8 NPTF  |
| PM110422S | 5/32 x 1/4 NPTF  |
| PI110621S | 3/16 x 1/8 NPTF  |
| PI110821S | 1/4 x 1/8 NPTF   |
| PI110822S | 1/4 x 1/4 NPTF   |
| PM110821S | 5/16 x 1/8 NPTF  |
| PM110822S | 5/16 x 1/4 NPTF  |
| PM110823S | 5/16 x 3/8 NPTF  |
| PI111222S | 3/8 x 1/4 NPTF   |
| PI111223S | 3/8 x 3/8 NPTF   |
| PI111623S | 1/2 x 3/8 NPTF   |
| PI111624S | 1/2 x 1/2 NPTF   |



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**Swivel Run Tee**

| PART No.  | Size Tube X BSPT |
|-----------|------------------|
| PI110601S | 3/16 x 1/8 BSPT  |
| PI110801S | 1/4 x 1/8 BSPT   |
| PI110802S | 1/4 x 1/4 BSPT   |
| PM110801S | 5/16 x 1/8 BSPT  |
| PM110802S | 5/16 x 1/4 BSPT  |
| PM110803S | 5/16 x 3/8 BSPT  |
| PI111202S | 3/8 x 1/4 BSPT   |
| PI111203S | 3/8 x 3/8 BSPT   |
| PI111603S | 1/2 x 3/8 BSPT   |
| PI111604S | 1/2 x 1/2 BSPT   |



**End Stop**

| PART No. | Size Tube |
|----------|-----------|
| PI4608S  | 1/4       |
| PI4612S  | 3/8       |



**Plug**

| PART No. | Size Stem |
|----------|-----------|
| PM0804S  | 5/32      |
| PI0806S  | 3/16      |
| PI0808S  | 1/4       |
| PM0808S  | 5/16      |
| PI0812S  | 3/8       |
| PI0816S  | 1/2       |



**Dispensing Valve Stem**

| PART No. | Size Stem |
|----------|-----------|
| NC730-02 | 3/8       |



**Cross**

| PART No. | Size Tube |
|----------|-----------|
| PI4712S  | 3/8       |



**Offset Connector**

| PART No. | Size Tube  |
|----------|------------|
| NC641    | 1/2 - 5/16 |



**Two-Way Divider**

| PART No. | Size Tube |
|----------|-----------|
| PI2308S  | 1/4       |
| PM2308S  | 5/16      |
| PI2312S  | 3/8       |
| PI2316S  | 1/2       |



**Unequal Two-Way Divider**

| PART No.  | Size Tube In - Out |
|-----------|--------------------|
| PI241210S | 3/8 - 5/16         |



**U-Bend Connector**

| PART No. | Size Tube |
|----------|-----------|
| PIUB12S  | 3/8       |
| PIUB16S  | 1/2       |



**Three Way Divider**

| PART No.    | Size Tube In - Out |
|-------------|--------------------|
| PI491612S   | 1/2 - 3/8          |
| PI491212S-R | 3/8 - 3/8          |
| PI491616S   | 1/2 - 1/2          |



**Locking Clip**

| Inch   | PART No. | Size Tube |
|--------|----------|-----------|
|        | PIC1808R | 1/4       |
|        | PIC1812R | 3/8       |
|        | PIC1816R | 1/2       |
| Metric | PMC1808R | 8mm       |

Secures the collet in place to prevent an accidental disconnection of the tube. Locking clips should only be installed after full insertion to prevent scraping of the tube. Locking Clips are not designed for use with John Guest Stem Adapters In Swivel Combinations.



**Pipe Clips and Spacer**

| PART No. | Size CTS |             |
|----------|----------|-------------|
| USCLIP20 | 1/2      |             |
| USCLIP28 | 3/4      |             |
| USCLIP36 | 1        |             |
| Metric   | PC22E    | 22 mm BLACK |



**JG Collet O-Ring & Cartridge**

| PART No. | Size Tube |
|----------|-----------|
| PI2808S  | 1/4       |
| PI2812S  | 3/8       |
| PI2816S  | 1/2       |

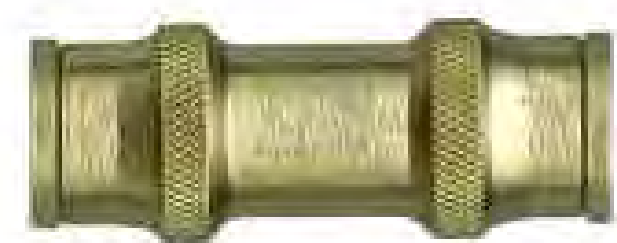


**MERCHANDISING UNITS**  
See pages 273, 274



A

• QUICK CONNECT • FULL FLOW DESIGN • BRASS CONSTRUCTION  
 • FOR USE WITH POLYETHYLENE, NYLON AND POLYURETHANE TUBES.



**UNION  
COUPLING**

| PART No.   | Tube       |
|------------|------------|
| PC62-2     | 1/8        |
| PC62-2-1/2 | 5/32       |
| PC62-4     | 1/4        |
| PC62-6     | 3/8        |
| PC62-8     | 1/2        |
| PC62R-64   | 3/8 to 1/4 |



**CONNECTOR  
Tube  
To  
Female Pipe**

| PART No.    | Tube | Pipe |
|-------------|------|------|
| PC66-2A     | 1/8  | 1/8  |
| PC66-2-1/2A | 5/32 | 1/8  |
| PC66-4A     | 1/4  | 1/8  |
| PC66-4B     | 1/4  | 1/4  |
| PC66-6B     | 3/8  | 1/4  |
| PC66-6C     | 3/8  | 3/8  |



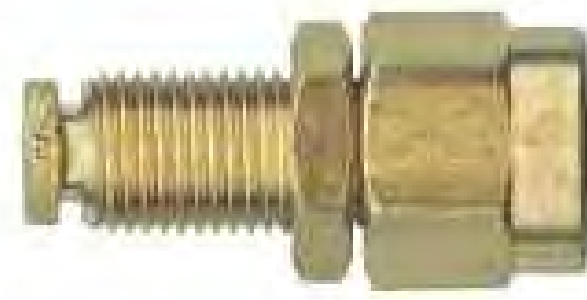
**CONNECTOR  
Tube  
To  
Male Pipe**

| PART No.     | Tube | Pipe  |
|--------------|------|-------|
| PC68-2X0     | 1/8  | 10/32 |
| PC68-2X1     | 1/8  | 1/16  |
| PC68-2A      | 1/8  | 1/8   |
| PC68-2-1/2X0 | 5/32 | 10-32 |
| PC68-2-1/2X1 | 5/32 | 1/16  |
| PC68-2-1/2A  | 5/32 | 1/8   |
| PC68-2-1/2B  | 5/32 | 1/4   |
| PC68-3A      | 3/16 | 1/8   |
| PC68-4X0     | 1/4  | 10-32 |
| PC68-4X1     | 1/4  | 1/16  |
| PC68-4A      | 1/4  | 1/8   |
| PC68-4B      | 1/4  | 1/4   |
| PC68-4C      | 1/4  | 3/8   |
| PC68-6A      | 3/8  | 1/8   |
| PC68-6B      | 3/8  | 1/4   |
| PC68-6C      | 3/8  | 3/8   |
| PC68-6D      | 3/8  | 1/2   |
| PC68-8B      | 1/2  | 1/4   |
| PC68-8C      | 1/2  | 3/8   |
| PC68-8D      | 1/2  | 1/2   |



**BULKHEAD  
UNION**

| PART No. | Tube |
|----------|------|
| PC77-4   | 1/4  |
| PC77-6   | 3/8  |



**BULKHEAD  
UNION  
Tube To  
Female Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| PC86-4A  | 1/4  | 1/8  |
| PC86-4B  | 1/4  | 1/4  |
| PC86-6B  | 3/8  | 1/4  |



**90°ELBOW  
Tube  
To  
Tube**

| PART No. | Tube |
|----------|------|
| PC65-2   | 1/8  |
| PC65-4   | 1/4  |
| PC65-6   | 3/8  |
| PC65-8   | 1/2  |



**90° ELBOW  
Tube To  
Female Pipe**

| PART No.    | Tube | Pipe |
|-------------|------|------|
| PC70-2-1/2A | 5/32 | 1/8  |
| PC70-4A     | 1/4  | 1/8  |
| PC70-4B     | 1/4  | 1/4  |
| PC70-6B     | 3/8  | 1/4  |



**90° ELBOW  
Tube To  
Swivel  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC70SW-4A | 1/4  | 1/8  |
| PC70SW-4B | 1/4  | 1/4  |



**90° ELBOW  
Tube  
To  
Male Pipe**

| PART No.    | Tube | Pipe |
|-------------|------|------|
| PC69-2A     | 1/8  | 1/8  |
| PC69-2-1/2A | 5/32 | 1/8  |
| PC69-3A     | 3/16 | 1/8  |
| PC69-4A     | 1/4  | 1/8  |
| PC69-4B     | 1/4  | 1/4  |
| PC69-4C     | 1/4  | 3/8  |
| PC69-6A     | 3/8  | 1/8  |
| PC69-6B     | 3/8  | 1/4  |
| PC69-6C     | 3/8  | 3/8  |
| PC69-8B     | 1/2  | 1/4  |
| PC69-8C     | 1/2  | 3/8  |
| PC69-8D     | 1/2  | 1/2  |



**90° ELBOW  
Tube To  
Male Pipe  
Swivel**

| PART No.       | Tube | Pipe  |
|----------------|------|-------|
| PC69SW-2A      | 1/8  | 1/8   |
| PC69SW-2-1/2X0 | 5/32 | 10-32 |
| PC69SW-2-1/2A  | 5/32 | 1/8   |
| PC69SW-2-1/2B  | 5/32 | 1/4   |
| PC69SW-3A      | 3/16 | 1/8   |
| PC69SW-4X0     | 1/4  | 10-32 |
| PC69SW-4A      | 1/4  | 1/8   |
| PC69SW-4B      | 1/4  | 1/4   |
| PC69SW-4C      | 1/4  | 3/8   |
| PC69SW-6A      | 3/8  | 1/8   |
| PC69SW-6B      | 3/8  | 1/4   |
| PC69SW-6C      | 3/8  | 3/8   |
| PC69SW-6D      | 3/8  | 1/2   |
| PC69SW-8C      | 1/2  | 3/8   |
| PC69SW-8D      | 1/2  | 1/2   |



**UNION TEE  
Tube  
Each End**

| PART No.   | Tube |
|------------|------|
| PC64-2     | 1/8  |
| PC64-2-1/2 | 5/32 |
| PC64-3     | 3/16 |
| PC64-4     | 1/4  |
| PC64-6     | 3/8  |
| PC64-8     | 1/2  |



**TEE  
Ends Tube and  
Male Pipe  
Center Tube**

| PART No. | Tube | Pipe |
|----------|------|------|
| PC71-4B  | 1/4  | 1/4  |



**TEE  
Ends Tube and  
Male Pipe Swivel  
Center Tube**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC71SW-4A | 1/4  | 1/8  |
| PC71SW-4B | 1/4  | 1/4  |
| PC71SW-6C | 3/8  | 3/8  |






**TEE  
Ends Tube  
Center M. Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| PC72-4A  | 1/4  | 1/8  |
| PC72-4B  | 1/4  | 1/4  |
| PC72-6B  | 3/8  | 1/4  |
| PC72-6C  | 3/8  | 3/8  |
| PC72-8C  | 1/2  | 3/8  |



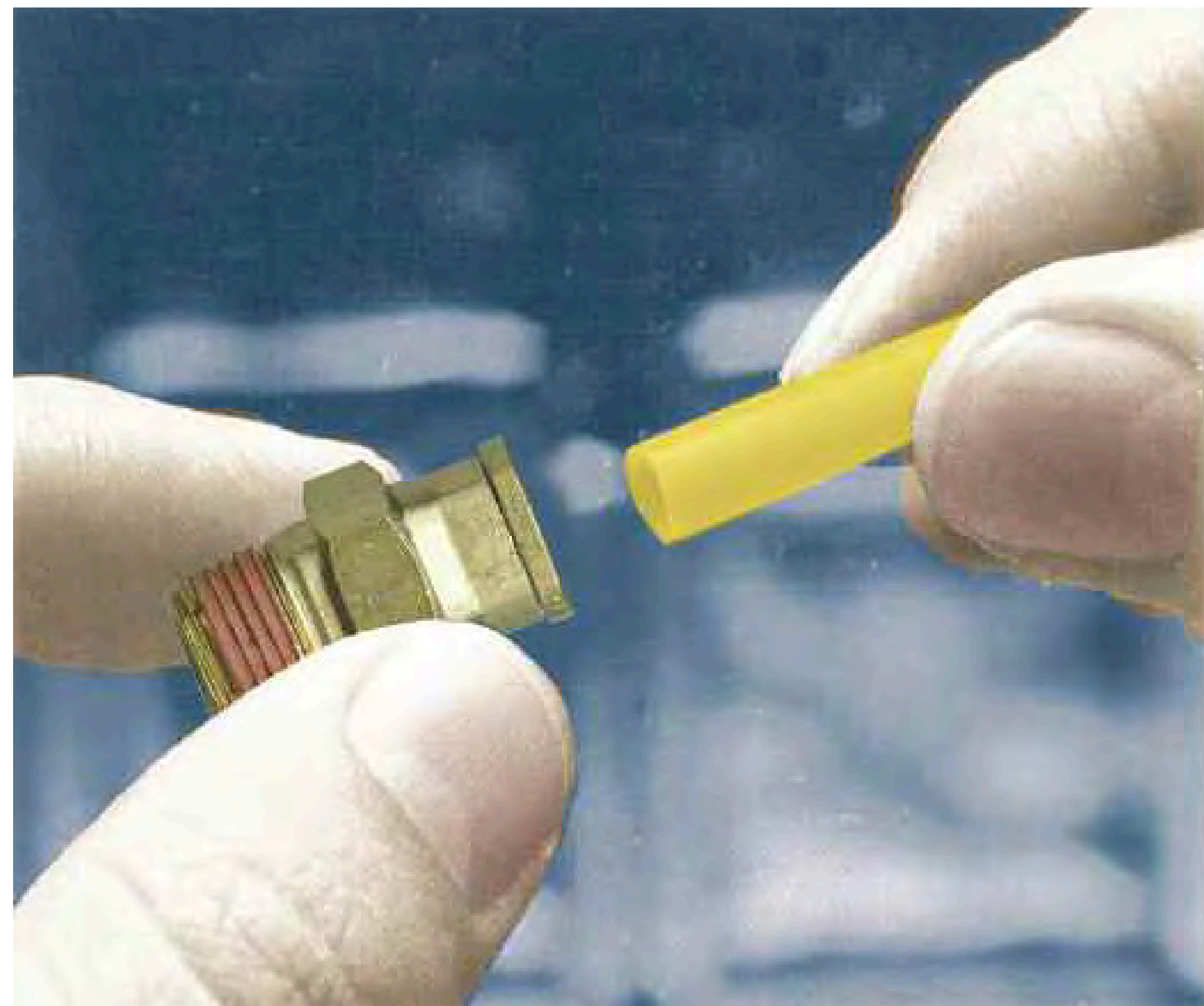
- QUICK CONNECT • FULL FLOW DESIGN • BRASS CONSTRUCTION
- FOR USE WITH POLYETHYLENE, NYLON AND POLYURETHANE TUBES.

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|                                                                                                                                                   |             |             |                                                                                                                                               |             |             |                                                                                                                      |             |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|----------------------------------------------------------------------------------------------------------------------|-------------|
|  <p><b>TEE<br/>Ends Tube<br/>Center Male<br/>Pipe Swivel</b></p> |             |             |  <p><b>TEE<br/>Ends Tube<br/>Center<br/>Female Pipe</b></p> |             |             |  <p><b>PLUG<br/>(Plastic)</b></p> |             |
| <b>PART No.</b>                                                                                                                                   | <b>Tube</b> | <b>Pipe</b> | <b>PART No.</b>                                                                                                                               | <b>Tube</b> | <b>Pipe</b> | <b>PART No.</b>                                                                                                      | <b>Tube</b> |
| PC72SW-4A                                                                                                                                         | 1/4         | 1/8         | PC78-4A                                                                                                                                       | 1/4         | 1/8         | PC67-2                                                                                                               | 1/8         |
| PC72SW-4B                                                                                                                                         | 1/4         | 1/4         | PC78-4B                                                                                                                                       | 1/4         | 1/4         | PC67-4                                                                                                               | 1/4         |
| PC72SW-6B                                                                                                                                         | 3/8         | 1/4         | PC78-6B                                                                                                                                       | 3/8         | 1/4         | PC67-6                                                                                                               | 3/8         |
| PC72SW-6C                                                                                                                                         | 3/8         | 3/8         |                                                                                                                                               |             |             | PC67-8                                                                                                               | 1/2         |
| PC72SW-8D                                                                                                                                         | 1/2         | 1/2         |                                                                                                                                               |             |             |                                                                                                                      |             |

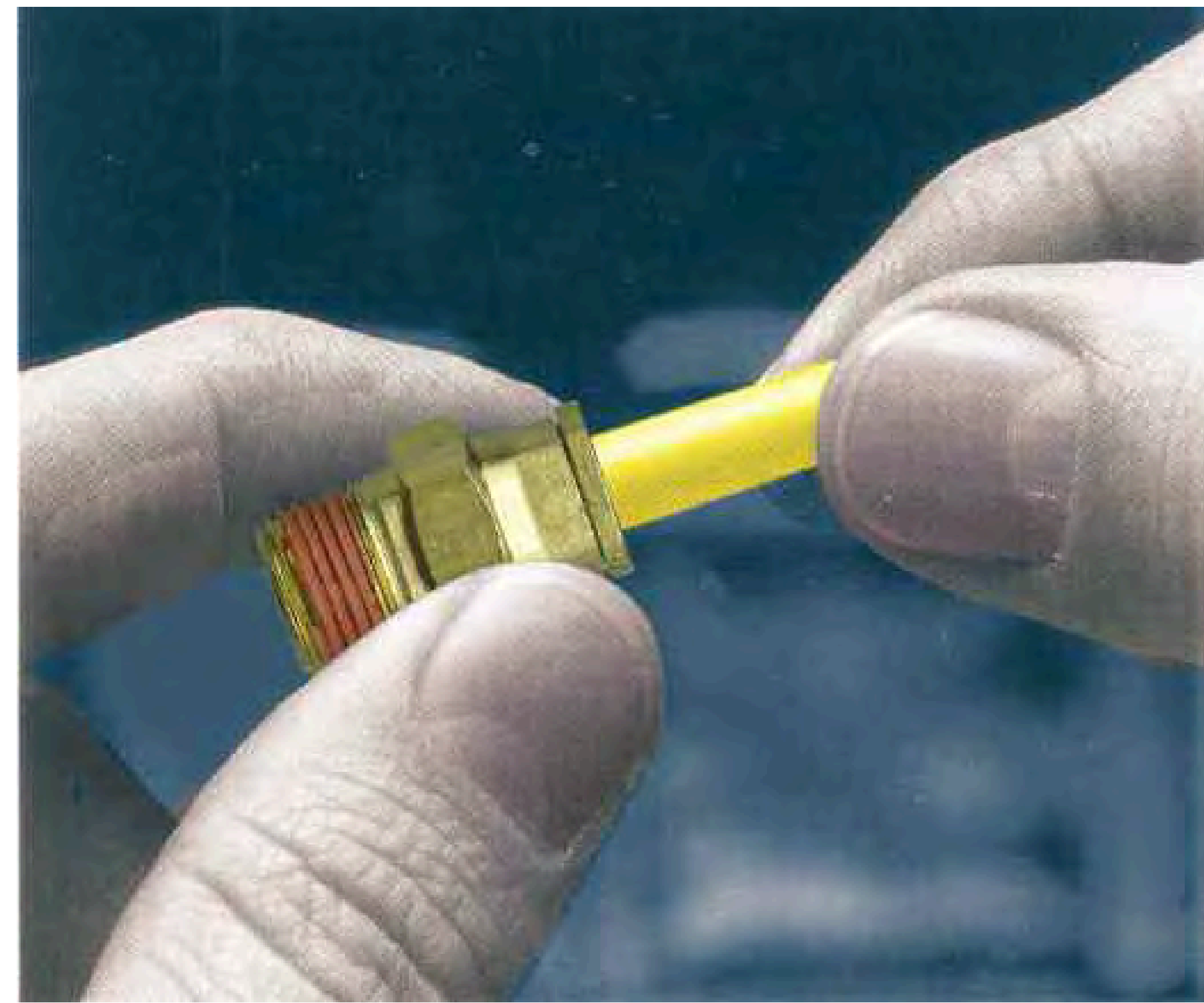
## ASSEMBLY INSTRUCTIONS

Temperature Range -40°F to 212°F (-40°C to 100°C)



### TO CONNECT TUBE:

Cut plastic as squarely as possible. Insert tube end into fitting until friction is felt as tube slides past the O-ring. Using a slight twisting motion while inserting the tube is often helpful. After this initial friction is felt, continue to push in the tube until it bottoms firmly against the internal tube stop.



### TO DISCONNECT TUBE:

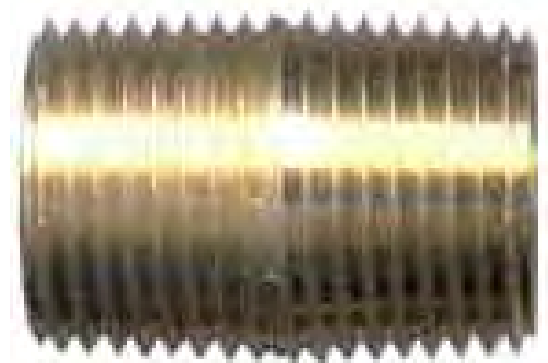
With thumb and forefinger, hold down the top of the insert against the fitting body and then, with the other hand, pull out the tube. No tools are needed.

**FAIRVIEW CARRIES A WIDE  
VARIETY OF TUBE  
AVAILABLE IN COILS  
AND REELS  
SEE SECTION "D"**



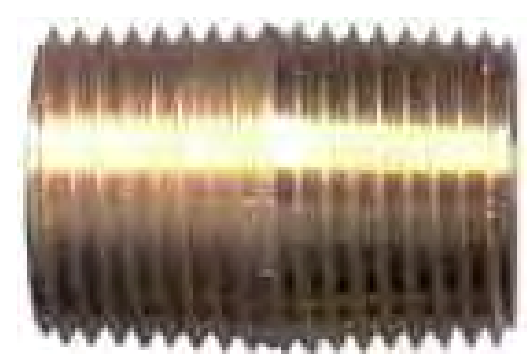


**A**



**CLOSE NIPPLE**

| PART No.         | Pipe  |
|------------------|-------|
| 112-A            | 1/8   |
| 112-B            | 1/4   |
| 112-C            | 3/8   |
| 112-D            | 1/2   |
| 112-E            | 3/4   |
| 112-H            | 1     |
| 112-J            | 1-1/4 |
| 112-K            | 1-1/2 |
| 112-M            | 2     |
| 112-N            | 2-1/2 |
| 112-P            | 3     |
| <b>Lead Free</b> |       |
| LF-112-A         | 1/8   |
| LF-112-B         | 1/4   |
| LF-112-C         | 3/8   |
| LF-112-D         | 1/2   |
| LF-112-E         | 3/4   |



**CLOSE NIPPLE (Red Brass)**

| PART No. | Pipe |
|----------|------|
| 112RED-D | 1/2  |
| 112RED-E | 3/4  |



**HEX NIPPLE**

| PART No. | Length (IN.) | Pipe |
|----------|--------------|------|
| 122-A    |              | 1/8  |
| 122-B    |              | 1/4  |
| 122L-B * | 1-3/8        | 1/4  |
| 122-C    |              | 3/8  |
| 122-D    |              | 1/2  |
| 122L-D * | 1-3/4        | 1/2  |
| 122-E    |              | 3/4  |
| 122-H    |              | 1    |

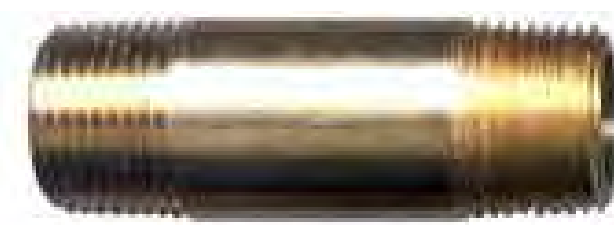
\* LONG PATTERN

**Lead Free**

|          |     |
|----------|-----|
| LF-122-A | 1/8 |
| LF-122-B | 1/4 |
| LF-122-C | 3/8 |
| LF-122-D | 1/2 |
| LF-122-E | 3/4 |
| LF-122-H | 1   |

**REDUCING**

| PART No.         | Pipe | to | Pipe |
|------------------|------|----|------|
| 122-BA           | 1/4  | to | 1/8  |
| 122-CA           | 3/8  | to | 1/8  |
| 122-CB           | 3/8  | to | 1/4  |
| 122-DB           | 1/2  | to | 1/4  |
| 122-DC           | 1/2  | to | 3/8  |
| 122-ED           | 3/4  | to | 1/2  |
| <b>Lead Free</b> |      |    |      |
| LF-122-BA        | 1/4  | to | 1/8  |
| LF-122-CB        | 3/8  | to | 1/4  |
| LF-122-DB        | 1/2  | to | 1/4  |
| LF-122-DC        | 1/2  | to | 3/8  |
| LF-122-ED        | 3/4  | to | 1/2  |



**LONG NIPPLE**

| PART No.         | Pipe | Length (IN.) |
|------------------|------|--------------|
| 113-1/8 NPT      | 1/8  | 1-1/2        |
| 113-A1-1/2       | 1/8  | 1-1/2        |
| 113-A2           | 1/8  | 3-1/2        |
| 113-B4           | 1/4  | 4            |
| 113-B4-1/2       | 1/4  | 4-1/2        |
| 113-B5           | 1/4  | 5            |
| 113-B5-1/2       | 1/4  | 5-1/2        |
| 113-B6           | 1/4  | 6            |
| <b>Lead Free</b> |      |              |
| LF-113-B1-1/2    | 1/4  | 1-1/2        |
| LF-113-B2        | 1/4  | 2            |
| LF-113-B2-1/2    | 1/4  | 2-1/2        |
| LF-113-B3        | 1/4  | 3            |
| LF-113-B4        | 1/4  | 4            |

| 3/8 NPT    | Pipe | Length (IN.) |
|------------|------|--------------|
| 113-C1-1/2 | 3/8  | 1-1/2        |
| 113-C2     | 3/8  | 2            |
| 113-C2-1/2 | 3/8  | 2-1/2        |
| 113-C3     | 3/8  | 3            |
| 113-C3-1/2 | 3/8  | 3-1/2        |
| 113-C4     | 3/8  | 4            |
| 113-C4-1/2 | 3/8  | 4-1/2        |
| 113-C5     | 3/8  | 5            |
| 113-C5-1/2 | 3/8  | 5-1/2        |
| 113-C6     | 3/8  | 6            |

**Lead Free**

|               |     |       |
|---------------|-----|-------|
| LF-113-C1-1/2 | 3/8 | 1-1/2 |
| LF-113-C2     | 3/8 | 2     |
| LF-113-C2-1/2 | 3/8 | 2-1/2 |
| LF-113-C3     | 3/8 | 3     |

| 1/2 NPT    | Pipe | Length (IN.) |
|------------|------|--------------|
| 113-D1-1/2 | 1/2  | 1-1/2        |
| 113-D2     | 1/2  | 2            |
| 113-D2-1/2 | 1/2  | 2-1/2        |
| 113-D3     | 1/2  | 3            |
| 113-D3-1/2 | 1/2  | 3-1/2        |
| 113-D4     | 1/2  | 4            |
| 113-D4-1/2 | 1/2  | 4-1/2        |
| 113-D5     | 1/2  | 5            |
| 113-D5-1/2 | 1/2  | 5-1/2        |
| 113-D6     | 1/2  | 6            |

**Lead Free**

|               |     |       |
|---------------|-----|-------|
| LF-113-D1-1/2 | 1/2 | 1-1/2 |
| LF-113-D2     | 1/2 | 2     |
| LF-113-D2-1/2 | 1/2 | 2-1/2 |
| LF-113-D3     | 1/2 | 3     |
| LF-113-D3-1/2 | 1/2 | 3-1/2 |

| 3/4 NPT    | Pipe | Length (IN.) |
|------------|------|--------------|
| 113-E2     | 3/4  | 2            |
| 113-E2-1/2 | 3/4  | 2-1/2        |
| 113-E3     | 3/4  | 3            |
| 113-E3-1/2 | 3/4  | 3-1/2        |
| 113-E4     | 3/4  | 4            |
| 113-E4-1/2 | 3/4  | 4-1/2        |
| 113-E5     | 3/4  | 5            |
| 113-E5-1/2 | 3/4  | 5-1/2        |
| 113-E6     | 3/4  | 6            |

**Lead Free**

|               |     |       |
|---------------|-----|-------|
| LF-113-E2     | 3/4 | 2     |
| LF-113-E2-1/2 | 3/4 | 2-1/2 |
| LF-113-E3     | 3/4 | 3     |

| 1 NPT      | Pipe | Length (IN.) |
|------------|------|--------------|
| 113-H2     | 1    | 2            |
| 113-H2-1/2 | 1    | 2-1/2        |
| 113-H3     | 1    | 3            |
| 113-H3-1/2 | 1    | 3-1/2        |
| 113-H4     | 1    | 4            |
| 113-H6     | 1    | 6            |



**LONG NIPPLE**

| PART No.    | Pipe  | Length (IN.) |
|-------------|-------|--------------|
| 113-1/4 NPT | 1-1/4 | 2            |
| 113-J2      | 1-1/4 | 2            |
| 113-J2-1/2  | 1-1/4 | 2-1/2        |
| 113-J3      | 1-1/4 | 3            |
| 113-J3-1/2  | 1-1/4 | 3-1/2        |
| 113-J5      | 1-1/4 | 5            |
| 113-J6      | 1-1/4 | 6            |

**1-1/2 NPT**

|            |       |       |
|------------|-------|-------|
| 113-K2     | 1-1/2 | 2     |
| 113-K3     | 1-1/2 | 3     |
| 113-K3-1/2 | 1-1/2 | 3-1/2 |
| 113-K4     | 1-1/2 | 4     |
| 113-K6     | 1-1/2 | 6     |

**2 NPT**

|            |   |       |
|------------|---|-------|
| 113-M2-1/2 | 2 | 2-1/2 |
| 113-M3     | 2 | 3     |
| 113-M3-1/2 | 2 | 3-1/2 |
| 113-M4     | 2 | 4     |
| 113-M5     | 2 | 5     |
| 113-M6     | 2 | 6     |

LONGER LENGTHS AVAILABLE ON REQUEST.



**LONG NIPPLE (Red Brass)**

| PART No.       | Pipe | Length (IN.) |
|----------------|------|--------------|
| 113RED-1/2 NPT | 1/2  | 1-1/2        |
| 113RED-D1-1/2  | 1/2  | 1-1/2        |
| 113RED-D2-1/2  | 1/2  | 2-1/2        |
| 113RED-D3      | 1/2  | 3            |
| 113RED-D4      | 1/2  | 4            |

**3/4 NPT**

|               |     |       |
|---------------|-----|-------|
| 113RED-E1-1/2 | 3/4 | 1-1/2 |
| 113RED-E2     | 3/4 | 2     |
| 113RED-E2-1/2 | 3/4 | 2-1/2 |
| 113RED-E3     | 3/4 | 3     |
| 113RED-E4     | 3/4 | 4     |



**COUPLING**

| PART No. | Pipe |
|----------|------|
| 103-A    | 1/8  |
| 103-B    | 1/4  |
| 103-C    | 3/8  |
| 103-D    | 1/2  |
| 103-E    | 3/4  |

**Lead Free**

|          |     |
|----------|-----|
| LF-103-A | 1/8 |
| LF-103-B | 1/4 |
| LF-103-C | 3/8 |
| LF-103-D | 1/2 |
| LF-103-E | 3/4 |



**COUPLING (Cast Bronze)**

| PART No. | Pipe  |
|----------|-------|
| 103CA-D  | 1/2   |
| 103CA-E  | 3/4   |
| 103-H    | 1     |
| 103-J    | 1-1/4 |
| 103-K    | 1-1/2 |
| 103-M    | 2     |
| 103-N    | 2-1/2 |



A



## REDUCING COUPLING

| PART No. | Pipe | to | Pipe |
|----------|------|----|------|
| 119-BA   | 1/4  | to | 1/8  |
| 119-CA   | 3/8  | to | 1/8  |
| 119-CB   | 3/8  | to | 1/4  |
| 119-DA   | 1/2  | to | 1/8  |
| 119-DB   | 1/2  | to | 1/4  |
| 119-DC   | 1/2  | to | 3/8  |
| 119-ED   | 3/4  | to | 1/2  |

### Lead Free

|           |     |    |     |
|-----------|-----|----|-----|
| LF-119-CB | 3/8 | to | 1/4 |
| LF-119-ED | 3/4 | to | 1/2 |



## REDUCING (Cast Bronze)

| PART No. | Pipe  | to | Pipe  |
|----------|-------|----|-------|
| 119-EB   | 3/4   | to | 1/4   |
| 119-EC   | 3/4   | to | 3/8   |
| 119-HD   | 1     | to | 1/2   |
| 119-HE   | 1     | to | 3/4   |
| 119-JE   | 1-1/4 | to | 3/4   |
| 119-JH   | 1-1/4 | to | 1     |
| 119-KH   | 1-1/2 | to | 1     |
| 119-KJ   | 1-1/2 | to | 1-1/4 |
| 119-MK   | 2     | to | 1-1/2 |



## UNION COUPLING

| PART No. | Pipe |
|----------|------|
| 104-A    | 1/8  |
| 104-B    | 1/4  |
| 104-C    | 3/8  |
| 104-D    | 1/2  |
| 104-E    | 3/4  |

### Lead Free

|          |     |
|----------|-----|
| LF-104-D | 1/2 |
|----------|-----|



## UNION COUPLING (Cast Bronze)

| PART No. | Pipe  |
|----------|-------|
| 104-H    | 1     |
| 104-J    | 1-1/4 |
| 104-K    | 1-1/2 |
| 104-M    | 2     |



## ADAPTER

| PART No. | Female Pipe | to | Male Pipe |
|----------|-------------|----|-----------|
| 120-AA   | 1/8         | to | 1/8       |
| 120-BB   | 1/4         | to | 1/4       |
| 120-CC   | 3/8         | to | 3/8       |
| 120-DD   | 1/2         | to | 1/2       |

**Lead Free**

|           |     |    |     |
|-----------|-----|----|-----|
| LF-120-BB | 1/4 | to | 1/4 |
| LF-120-DD | 1/2 | to | 1/2 |



## ADAPTER (Continued)

| PART No. | Female Pipe | to | Male Pipe |
|----------|-------------|----|-----------|
| 120-A-1  | 1/8         | to | 1/16      |
| 120-BA   | 1/4         | to | 1/8       |
| 120-CA   | 3/8         | to | 1/8       |
| 120-CB   | 3/8         | to | 1/4       |
| 120-DB   | 1/2         | to | 1/4       |
| 120-DC   | 1/2         | to | 3/8       |
| 120-EC   | 3/4         | to | 3/8       |
| 120-ED   | 3/4         | to | 1/2       |

### Lead Free

|           |     |    |     |
|-----------|-----|----|-----|
| LF-120-BA | 1/4 | to | 1/8 |
| LF-120-CB | 3/8 | to | 1/4 |
| LF-120-DB | 1/2 | to | 1/4 |
| LF-120-ED | 3/4 | to | 1/2 |



## BUSHING

| PART No. | Male Pipe | to | Female Pipe |
|----------|-----------|----|-------------|
| 110-BA   | 1/4       | to | 1/8         |
| 110-CA   | 3/8       | to | 1/8         |
| 110-CB   | 3/8       | to | 1/4         |
| 110-DA   | 1/2       | to | 1/8         |
| 110-DB   | 1/2       | to | 1/4         |
| 110-DC   | 1/2       | to | 3/8         |
| 110-EA   | 3/4       | to | 1/8         |
| 110-EB   | 3/4       | to | 1/4         |
| 110-EC   | 3/4       | to | 3/8         |
| 110-ED   | 3/4       | to | 1/2         |
| 110-HB   | 1         | to | 1/4         |
| 110-HC   | 1         | to | 3/8         |
| 110-HD   | 1         | to | 1/2         |
| 110-HE   | 1         | to | 3/4         |

### Lead Free

|           |     |    |     |
|-----------|-----|----|-----|
| LF-110-BA | 1/4 | to | 1/8 |
| LF-110-CA | 3/8 | to | 1/8 |
| LF-110-CB | 3/8 | to | 1/4 |
| LF-110-DA | 1/2 | to | 1/8 |
| LF-110-DB | 1/2 | to | 1/4 |
| LF-110-DC | 1/2 | to | 3/8 |
| LF-110-EB | 3/4 | to | 1/4 |
| LF-110-EC | 3/4 | to | 3/8 |
| LF-110-ED | 3/4 | to | 1/2 |
| LF-110-HB | 1   | to | 1/4 |
| LF-110-HD | 1   | to | 1/2 |
| LF-110-HE | 1   | to | 3/4 |



## BUSHING (Cast Bronze)

| PART No. | Male Pipe | to | Female Pipe |
|----------|-----------|----|-------------|
| 110CA-ED | 3/4       | to | 1/2         |
| 110CA-HC | 1         | to | 3/8         |
| 110CA-HD | 1         | to | 1/2         |
| 110CA-HE | 1         | to | 3/4         |
| 110-JD   | 1-1/4     | to | 1/2         |
| 110-JE   | 1-1/4     | to | 3/4         |
| 110-JH   | 1-1/4     | to | 1           |
| 110-KD   | 1-1/2     | to | 1/2         |
| 110-KE   | 1-1/2     | to | 3/4         |
| 110-KH   | 1-1/2     | to | 1           |
| 110-KJ   | 1-1/2     | to | 1-1/4       |
| 110-ME   | 2         | to | 3/4         |
| 110-MH   | 2         | to | 1           |
| 110-MJ   | 2         | to | 1-1/4       |
| 110-MK   | 2         | to | 1-1/2       |
| 110-NM   | 2-1/2     | to | 2           |
| 110-PM   | 3         | to | 2           |
| 110-PN   | 3         | to | 2-1/2       |



## LOCK NUT

| PART No. | Pipe |
|----------|------|
| 111-A    | 1/8  |
| 111-B    | 1/4  |
| 111-C    | 3/8  |
| 111-D    | 1/2  |
| 111-E    | 3/4  |



## LOCK NUT (Cast Bronze)

| PART No. | Pipe |
|----------|------|
| 111-H    | 1    |



## PLUG Square Head

| PART No. | Pipe |
|----------|------|
| 109-A    | 1/8  |
| 109-B    | 1/4  |
| 109-C    | 3/8  |
| 109-D    | 1/2  |
| 109-E    | 3/4  |

### Lead Free

|          |     |
|----------|-----|
| LF-109-A | 1/8 |
| LF-109-B | 1/4 |
| LF-109-C | 3/8 |
| LF-109-D | 1/2 |
| LF-109-E | 3/4 |



## (Cast Bronze)

| PART No. | Pipe  |
|----------|-------|
| 109-H    | 1     |
| 109-J    | 1-1/4 |
| 109-K    | 1-1/2 |
| 109-M    | 2     |
| 109-N    | 2-1/2 |



## PLUG Slotted

| PART No. | Pipe |
|----------|------|
| 117-A    | 1/8  |
| 117-B    | 1/4  |
| 117-C    | 3/8  |



## PLUG Hex Countersunk

| PART No. | Pipe |
|----------|------|
| 118-A    | 1/8  |
| 118-B    | 1/4  |
| 118-C    | 3/8  |
| 118-D    | 1/2  |
| 118-E    | 3/4  |

### Lead Free

|          |     |
|----------|-----|
| LF-118-A | 1/8 |
| LF-118-B | 1/4 |



A



### PLUG Hex Head

| PART No. |       | Pipe |
|----------|-------|------|
| 121-1    | Cored | 1/16 |
| 121-A    | Cored | 1/8  |
| 121-B    | Cored | 1/4  |
| 121-C    | Cored | 3/8  |
| 121-D    | Cored | 1/2  |
| 121-E    | Cored | 3/4  |
| 121-H    | Cored | 1    |

#### Lead Free

|           |       |     |
|-----------|-------|-----|
| LF-121-A  | Cored | 1/8 |
| LF-121-B  | Cored | 1/4 |
| LF-121-C  | Cored | 3/8 |
| LF-121S-B | Solid | 1/4 |
| LF-121S-C | Solid | 3/8 |
| LF-121S-D | Solid | 1/2 |

| PART No. |       | Pipe |
|----------|-------|------|
| 121S-A   | Solid | 1/8  |
| 121S-B   | Solid | 1/4  |
| 121S-C   | Solid | 3/8  |
| 121S-D   | Solid | 1/2  |
| 121S-E   | Solid | 3/4  |



### CAP

| PART No. | Pipe |
|----------|------|
| 108-A    | 1/8  |
| 108-B    | 1/4  |
| 108-C    | 3/8  |
| 108-D    | 1/2  |
| 108-E    | 3/4  |

#### Lead Free

|          |     |
|----------|-----|
| LF-108-C | 3/8 |
| LF-108-D | 1/2 |



### (Cast Bronze)

| PART No. | Pipe  |
|----------|-------|
| 108CA-D  | 1/2   |
| 108CA-E  | 3/4   |
| 108-H    | 1     |
| 108-J    | 1-1/4 |
| 108-K    | 1-1/2 |
| 108-M    | 2     |



### FORGED 90° ELBOW

| PART No. | Pipe |
|----------|------|
| 99-A     | 1/8  |
| 99-B     | 1/4  |
| 99-C     | 3/8  |
| 99-D     | 1/2  |

#### Lead Free

|          |            |
|----------|------------|
| LF-99-C  | 3/8        |
| LF-99-DC | 1/2 to 3/8 |

| PART No. | Pipe | Pipe   |
|----------|------|--------|
| 99-BA    | 1/4  | to 1/8 |
| 99-CA    | 3/8  | to 1/8 |
| 99-CB    | 3/8  | to 1/4 |
| 99-DC    | 1/2  | to 3/8 |



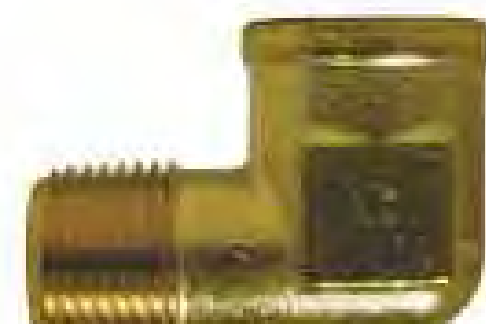
### EXTRUDED 90° STREET ELBOW

| PART No. | Pipe |
|----------|------|
| X115-A   | 1/8  |
| X115-B   | 1/4  |
| X115-C   | 3/8  |
| X115-D   | 1/2  |
| X115-E   | 3/4  |

#### Lead Free

|           |     |
|-----------|-----|
| LF-X115-A | 1/8 |
| LF-X115-B | 1/4 |
| LF-X115-C | 3/8 |
| LF-X115-D | 1/2 |

| PART No. | Female<br>Pipe | to | Male<br>Pipe |
|----------|----------------|----|--------------|
| X115-BA  | 1/4            | to | 1/8          |
| X115-DC  | 1/2            | to | 3/8          |



### FORGED 90° STREET ELBOW

| PART No. | Pipe |
|----------|------|
| 116-A    | 1/8  |
| 116-B    | 1/4  |
| 116-C    | 3/8  |
| 116-D    | 1/2  |
| 116-E    | 3/4  |

#### Lead Free

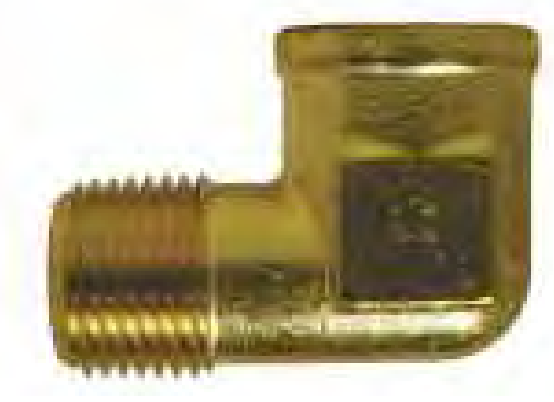
|          |     |
|----------|-----|
| LF-116-B | 1/4 |
| LF-116-C | 3/8 |
| LF-116-D | 1/2 |

| PART No. | Female<br>Pipe | to | Male<br>Pipe |
|----------|----------------|----|--------------|
| 116-AB   | 1/8            | to | 1/4          |
| 116-BA   | 1/4            | to | 1/8          |
| 116-CB   | 3/8            | to | 1/4          |
| 116-CD   | 3/8            | to | 1/2          |
| 116-DC   | 1/2            | to | 3/8          |



### 90° STREET ELBOW (Cast Bronze)

| PART No. | Pipe  |
|----------|-------|
| 116CA-D  | 1/2   |
| 116CA-E  | 3/4   |
| 116-H    | 1     |
| 116-J    | 1-1/4 |
| 116-K    | 1-1/2 |
| 116-M    | 2     |
| 116-N    | 2-1/2 |
| 116-P    | 3     |



### FORGED 90° STREET ELBOW Heavy Pattern

| PART No. | Pipe |
|----------|------|
| 116H-B   | 1/4  |
| 116H-C   | 3/8  |



### FORGED 90° ELBOW

| PART No. | Pipe |
|----------|------|
| 100-A    | 1/8  |
| 100-B    | 1/4  |
| 100-C    | 3/8  |
| 100-D    | 1/2  |
| 100-E    | 3/4  |



### FORGED 90° ELBOW

| PART No. | Pipe<br>Lead Free |
|----------|-------------------|
| LF-100-B | 1/4               |
| LF-100-C | 3/8               |
| LF-100-D | 1/2               |

| PART No. | Pipe | Pipe   |
|----------|------|--------|
| 100-BA   | 1/4  | to 1/8 |
| 100-CB   | 3/8  | to 1/4 |
| 100-DC   | 1/2  | to 3/8 |



### 90° ELBOW (Cast Bronze)

| PART No. | Pipe  |
|----------|-------|
| 100CA-D  | 1/2   |
| 100CA-E  | 3/4   |
| 100-H    | 1     |
| 100-J    | 1-1/4 |
| 100-K    | 1-1/2 |
| 100-M    | 2     |
| 100-N    | 2-1/2 |
| 100-P    | 3     |

| PART No. | Pipe | Pipe   |
|----------|------|--------|
| 100-ED   | 3/4  | to 1/2 |
| 100-HE   | 1    | to 3/4 |



### EXTRUDED 90° ELBOW

| PART No. | Pipe |
|----------|------|
| X100-A   | 1/8  |
| X100-B   | 1/4  |
| X100-C   | 3/8  |
| X100-D   | 1/2  |



### FORGED 45° STREET ELBOW

| PART No. | Pipe |
|----------|------|
| 124-A    | 1/8  |
| 124-B    | 1/4  |
| 124-C    | 3/8  |

#### Lead Free

|          |     |
|----------|-----|
| LF-124-B | 1/4 |
| LF-124-C | 3/8 |



### 45° STREET ELBOW (Cast Bronze)

| PART No. | Pipe |
|----------|------|
| 124-D    | 1/2  |
| 124-E    | 3/4  |
| 124-H    | 1    |



### EXTRUDED 45° STREET ELBOW

| PART No. | Pipe |
|----------|------|
| X124-A   | 1/8  |
| X124-B   | 1/4  |
| X124-C   | 3/8  |
| X124-D   | 1/2  |
| X124-E   | 3/4  |





**45° ELBOW  
(Cast Bronze)**

| PART No. | Pipe  |
|----------|-------|
| 105-B    | 1/4   |
| 105-C    | 3/8   |
| 105-D    | 1/2   |
| 105-E    | 3/4   |
| 105-H    | 1     |
| 105-J    | 1-1/4 |
| 105-K    | 1-1/2 |
| 105-M    | 2     |



**EXTRUDED  
45° ELBOW**

| PART No. | Pipe |
|----------|------|
| X105-A   | 1/8  |
| X105-B   | 1/4  |



**FORGED  
CROSS**

| PART No. | Pipe |
|----------|------|
| 102-A    | 1/8  |
| 102-B    | 1/4  |
| 102-C    | 3/8  |
| 102-D    | 1/2  |

LF-102-C

Lead Free  
3/8



**CROSS  
(Cast Bronze)**

| PART No. | Pipe |
|----------|------|
| 102-E    | 3/4  |
| 102-H    | 1    |



**EXTRUDED  
CROSS**

| PART No. | Pipe |
|----------|------|
| X102-A   | 1/8  |
| X102-B   | 1/4  |
| X102-C   | 3/8  |
| X102-D   | 1/2  |



**FORGED  
MALE BRANCH  
TEE**

| PART No. | Pipe |
|----------|------|
| 106-A    | 1/8  |
| 106-B    | 1/4  |
| 106-C    | 3/8  |
| 106-D    | 1/2  |



**EXTRUDED  
MALE BRANCH  
TEE**

| PART No. | Pipe |
|----------|------|
| X106-A   | 1/8  |
| X106-B   | 1/4  |
| X106-C   | 3/8  |



**FORGED  
MALE  
TEE**

| PART No. | Pipe |
|----------|------|
| 101M-A   | 1/8  |
| 101M-B   | 1/4  |
| 101M-C   | 3/8  |
| 101M-D   | 1/2  |
| 101M-E   | 3/4  |



**FORGED  
STREET  
TEE**

| PART No | Pipe |
|---------|------|
| 107-A   | 1/8  |
| 107-B   | 1/4  |
| 107-C   | 3/8  |
| 107-D   | 1/2  |
| 107-E   | 3/4  |

LF-107-B  
LF-107-C

Lead Free

1/4  
3/8



**EXTRUDED  
STREET  
TEE**

| PART No | Pipe |
|---------|------|
| X107-A  | 1/8  |
| X107-B  | 1/4  |
| X107-C  | 3/8  |
| X107-D  | 1/2  |
| X107-E  | 3/4  |



**FORGED  
TEE**

| PART No. | Pipe |
|----------|------|
| 101-A    | 1/8  |
| 101-B    | 1/4  |
| 101-C    | 3/8  |
| 101-D    | 1/2  |
| 101-E    | 3/4  |

LF-101-A  
LF-101-B  
LF-101-C  
LF-101-D

Lead Free

1/8  
1/4  
3/8  
1/2



**TEE  
(Cast Bronze)**

| PART No. | Pipe  |
|----------|-------|
| 101CA-C  | 3/8   |
| 101CA-D  | 1/2   |
| 101CA-E  | 3/4   |
| 101-H    | 1     |
| 101-J    | 1-1/4 |
| 101-K    | 1-1/2 |
| 101-M    | 2     |



**EXTRUDED  
TEE**

| PART No. | Pipe |
|----------|------|
| X101-A   | 1/8  |
| X101-B   | 1/4  |
| X101-C   | 3/8  |
| X101-D   | 1/2  |

①



②

**REDUCING  
FORGED  
TEE**

| PART No. | Reducing |     |     |
|----------|----------|-----|-----|
|          | 1        | 2   | 3   |
| 101-BA   | 1/4      | 1/4 | 1/8 |
| 101-CB   | 3/8      | 3/8 | 1/4 |
| 101-DC   | 1/2      | 1/2 | 3/8 |
| 101-ED   | 3/4      | 3/4 | 1/2 |

①



②

**REDUCING  
TEE  
(Cast Bronze)**

| PART No. | Reducing |       |       |
|----------|----------|-------|-------|
|          | 1        | 2     | 3     |
| 101-DB   | 1/2      | 1/2   | 1/4   |
| 101-EDE  | 3/4      | 1/2   | 3/4   |
| 101-HDH  | 1        | 1/2   | 1     |
| 101-HE   | 1        | 1     | 3/4   |
| 101-HEE  | 1        | 3/4   | 3/4   |
| 101-JDJ  | 1-1/4    | 1/2   | 1-1/4 |
| 101-JE   | 1-1/4    | 1-1/4 | 3/4   |
| 101-KDK  | 1-1/2    | 1/2   | 1-1/2 |

③



**FLOOR  
FLANGE**

| PART No. | Pipe |
|----------|------|
| 114-D    | 1/2  |



**"Y"  
BLOCK**

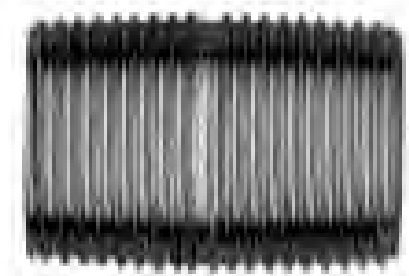
| PART No. | Female | Male |
|----------|--------|------|
|          | Pipe   | Pipe |
| 678-YB   | 1/4    | 1/4  |

Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.

**FAIRVIEW RETAIL  
CARDED STOCK AVAILABLE ON  
SELECTED ITEMS**



A



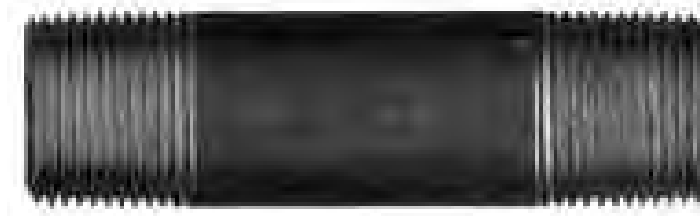
### CLOSE NIPPLE

| PART No. | Pipe  |
|----------|-------|
| BI-112-A | 1/8   |
| BI-112-B | 1/4   |
| BI-112-C | 3/8   |
| BI-112-D | 1/2   |
| BI-112-E | 3/4   |
| BI-112-H | 1     |
| BI-112-J | 1-1/4 |
| BI-112-K | 1-1/2 |
| BI-112-M | 2     |
| BI-112-N | 2-1/2 |
| BI-112-P | 3     |
| BI-112-S | 4     |



### LONG NIPPLE

| PART No.       | Pipe | Length (IN.) |
|----------------|------|--------------|
| <b>1/8 NPT</b> |      |              |
| BI-113-A1-1/2  | 1/8  | 1-1/2        |
| BI-113-A2      | 1/8  | 2            |
| BI-113-A2-1/2  | 1/8  | 2-1/2        |
| BI-113-A3      | 1/8  | 3            |
| BI-113-A3-1/2  | 1/8  | 3-1/2        |
| BI-113-A4      | 1/8  | 4            |
| BI-113-A4-1/2  | 1/8  | 4-1/2        |
| BI-113-A5      | 1/8  | 5            |
| BI-113-A5-1/2  | 1/8  | 5-1/2        |
| BI-113-A6      | 1/8  | 6            |
| <b>1/4 NPT</b> |      |              |
| BI-113-B1-1/2  | 1/4  | 1-1/2        |
| BI-113-B2      | 1/4  | 2            |
| BI-113-B2-1/2  | 1/4  | 2-1/2        |
| BI-113-B3      | 1/4  | 3            |
| BI-113-B3-1/2  | 1/4  | 3-1/2        |
| BI-113-B4      | 1/4  | 4            |
| BI-113-B4-1/2  | 1/4  | 4-1/2        |
| BI-113-B5      | 1/4  | 5            |
| BI-113-B5-1/2  | 1/4  | 5-1/2        |
| BI-113-B6      | 1/4  | 6            |
| BI-113-B8      | 1/4  | 8            |
| <b>3/8 NPT</b> |      |              |
| BI-113-C1-1/2  | 3/8  | 1-1/2        |
| BI-113-C2      | 3/8  | 2            |
| BI-113-C2-1/2  | 3/8  | 2-1/2        |
| BI-113-C3      | 3/8  | 3            |
| BI-113-C3-1/2  | 3/8  | 3-1/2        |
| BI-113-C4      | 3/8  | 4            |
| BI-113-C4-1/2  | 3/8  | 4-1/2        |
| BI-113-C5      | 3/8  | 5            |
| BI-113-C5-1/2  | 3/8  | 5-1/2        |
| BI-113-C6      | 3/8  | 6            |
| <b>1/2 NPT</b> |      |              |
| BI-113-D1-1/2  | 1/2  | 1-1/2        |
| BI-113-D2      | 1/2  | 2            |
| BI-113-D2-1/2  | 1/2  | 2-1/2        |
| BI-113-D3      | 1/2  | 3            |
| BI-113-D3-1/2  | 1/2  | 3-1/2        |
| BI-113-D4      | 1/2  | 4            |
| BI-113-D4-1/2  | 1/2  | 4-1/2        |
| BI-113-D5      | 1/2  | 5            |
| BI-113-D5-1/2  | 1/2  | 5-1/2        |
| BI-113-D6      | 1/2  | 6            |
| BI-113-D7      | 1/2  | 7            |
| BI-113-D8      | 1/2  | 8            |



### LONG NIPPLE

| PART No.         | Pipe  | Length (IN.) |
|------------------|-------|--------------|
| <b>3/4 NPT</b>   |       |              |
| BI-113-E1-1/2    | 3/4   | 1-1/2        |
| BI-113-E2        | 3/4   | 2            |
| BI-113-E2-1/2    | 3/4   | 2-1/2        |
| BI-113-E3        | 3/4   | 3            |
| BI-113-E3-1/2    | 3/4   | 3-1/2        |
| BI-113-E4        | 3/4   | 4            |
| BI-113-E4-1/2    | 3/4   | 4-1/2        |
| BI-113-E5        | 3/4   | 5            |
| BI-113-E5-1/2    | 3/4   | 5-1/2        |
| BI-113-E6        | 3/4   | 6            |
| BI-113-E8        | 3/4   | 8            |
| BI-113-E10       | 3/4   | 10           |
| BI-113-E12       | 3/4   | 12           |
| <b>1 NPT</b>     |       |              |
| BI-113-H2        | 1     | 2            |
| BI-113-H2-1/2    | 1     | 2-1/2        |
| BI-113-H3        | 1     | 3            |
| BI-113-H3-1/2    | 1     | 3-1/2        |
| BI-113-H4        | 1     | 4            |
| BI-113-H4-1/2    | 1     | 4-1/2        |
| BI-113-H5        | 1     | 5            |
| BI-113-H5-1/2    | 1     | 5-1/2        |
| BI-113-H6        | 1     | 6            |
| BI-113-H8        | 1     | 8            |
| BI-113-H12       | 1     | 12           |
| <b>1-1/4 NPT</b> |       |              |
| BI-113-J2        | 1-1/4 | 2            |
| BI-113-J2-1/2    | 1-1/4 | 2-1/2        |
| BI-113-J3        | 1-1/4 | 3            |
| BI-113-J3-1/2    | 1-1/4 | 3-1/2        |
| BI-113-J4        | 1-1/4 | 4            |
| BI-113-J4-1/2    | 1-1/4 | 4-1/2        |
| BI-113-J5        | 1-1/4 | 5            |
| BI-113-J6        | 1-1/4 | 6            |
| <b>1-1/2 NPT</b> |       |              |
| BI-113-K2        | 1-1/2 | 2            |
| BI-113-K2-1/2    | 1-1/2 | 2-1/2        |
| BI-113-K3        | 1-1/2 | 3            |
| BI-113-K3-1/2    | 1-1/2 | 3-1/2        |
| BI-113-K4        | 1-1/2 | 4            |
| BI-113-K4-1/2    | 1-1/2 | 4-1/2        |
| BI-113-K5        | 1-1/2 | 5            |
| BI-113-K5-1/2    | 1-1/2 | 5-1/2        |
| BI-113-K6        | 1-1/2 | 6            |
| <b>2 NPT</b>     |       |              |
| BI-113-M2-1/2    | 2     | 2-1/2        |
| BI-113-M3        | 2     | 3            |
| BI-113-M3-1/2    | 2     | 3-1/2        |
| BI-113-M4        | 2     | 4            |
| BI-113-M4-1/2    | 2     | 4-1/2        |
| BI-113-M5        | 2     | 5            |
| BI-113-M5-1/2    | 2     | 5-1/2        |
| BI-113-M6        | 2     | 6            |
| <b>2-1/2 NPT</b> |       |              |
| BI-113-N3        | 2-1/2 | 3            |
| BI-113-N3-1/2    | 2-1/2 | 3-1/2        |
| BI-113-N4        | 2-1/2 | 4            |
| BI-113-N5        | 2-1/2 | 4            |
| BI-113-N6        | 2-1/2 | 6            |
| <b>3 NPT</b>     |       |              |
| BI-113-P3        | 3     | 3            |
| BI-113-P4        | 3     | 4            |
| BI-113-P6        | 3     | 6            |
| <b>4 NPT</b>     |       |              |
| BI-113-S4        | 4     | 4            |
| BI-113-S6        | 4     | 6            |

### SCHEDULE 80:

Replace prefix BI- with BI80-  
for schedule 80 (300LB.)



### COUPLING

Reducing coupling see BI-119  
Steel merchant see BI-103MC

| PART No. | Pipe  |
|----------|-------|
| BI-103-A | 1/8   |
| BI-103-B | 1/4   |
| BI-103-C | 3/8   |
| BI-103-D | 1/2   |
| BI-103-E | 3/4   |
| BI-103-H | 1     |
| BI-103-J | 1-1/4 |
| BI-103-K | 1-1/2 |
| BI-103-M | 2     |
| BI-103-N | 2-1/2 |
| BI-103-P | 3     |
| BI-103-S | 4     |



### REDUCING COUPLING

| PART No.  | Pipe           |
|-----------|----------------|
| BI-119-BA | 1/4 to 1/8     |
| BI-119-CA | 3/8 to 1/8     |
| BI-119-CB | 3/8 to 1/4     |
| BI-119-DB | 1/2 to 1/4     |
| BI-119-DC | 1/2 to 3/8     |
| BI-119-EB | 3/4 to 1/4     |
| BI-119-EC | 3/4 to 3/8     |
| BI-119-ED | 3/4 to 1/2     |
| BI-119-HB | 1 to 1/4       |
| BI-119-HC | 1 to 3/8       |
| BI-119-HD | 1 to 1/2       |
| BI-119-HE | 1 to 3/4       |
| BI-119-JD | 1-1/4 to 1/2   |
| BI-119-JE | 1-1/4 to 3/4   |
| BI-119-JH | 1-1/4 to 1     |
| BI-119-KD | 1-1/2 to 1/2   |
| BI-119-KE | 1-1/2 to 3/4   |
| BI-119-KH | 1-1/2 to 1     |
| BI-119-KJ | 1-1/2 to 1-1/4 |
| BI-119-ME | 2 to 3/4       |
| BI-119-MH | 2 to 1         |
| BI-119-MJ | 2 to 1-1/4     |
| BI-119-MK | 2 to 1-1/2     |
| BI-119-NK | 2-1/2 to 1-1/2 |
| BI-119-NM | 2-1/2 to 2     |
| BI-119-PM | 3 to 2         |
| BI-119-PN | 3 to 2-1/2     |
| BI-119-SP | 4 to 3         |



### UNION

| PART No. | Pipe  |
|----------|-------|
| BI-104-A | 1/8   |
| BI-104-B | 1/4   |
| BI-104-C | 3/8   |
| BI-104-D | 1/2   |
| BI-104-E | 3/4   |
| BI-104-H | 1     |
| BI-104-J | 1-1/4 |
| BI-104-K | 1-1/2 |
| BI-104-M | 2     |
| BI-104-N | 2-1/2 |
| BI-104-P | 3     |
| BI-104-S | 4     |



# BLACK IRON PIPE FITTINGS SCHEDULE 40 (150 LB.)

**Fairview**

A



## BUSHING

Steel merchant see BI-110MC

| PART No.  | Pipe  | to | Pipe  |
|-----------|-------|----|-------|
| BI-110-BA | 1/4   | to | 1/8   |
| BI-110-CA | 3/8   | to | 1/8   |
| BI-110-CB | 3/8   | to | 1/4   |
| BI-110-DA | 1/2   | to | 1/8   |
| BI-110-DB | 1/2   | to | 1/4   |
| BI-110-DC | 1/2   | to | 3/8   |
| BI-110-EA | 3/4   | to | 1/8   |
| BI-110-EB | 3/4   | to | 1/4   |
| BI-110-EC | 3/4   | to | 3/8   |
| BI-110-ED | 3/4   | to | 1/2   |
| BI-110-HB | 1     | to | 1/4   |
| BI-110-HC | 1     | to | 3/8   |
| BI-110-HD | 1     | to | 1/2   |
| BI-110-HE | 1     | to | 3/4   |
| BI-110-JC | 1-1/4 | to | 3/8   |
| BI-110-JD | 1-1/4 | to | 1/2   |
| BI-110-JE | 1-1/4 | to | 3/4   |
| BI-110-JH | 1-1/4 | to | 1     |
| BI-110-KD | 1-1/2 | to | 1/2   |
| BI-110-KE | 1-1/2 | to | 3/4   |
| BI-110-KH | 1-1/2 | to | 1     |
| BI-110-KJ | 1-1/2 | to | 1-1/4 |
| BI-110-MD | 2     | to | 1/2   |
| BI-110-ME | 2     | to | 3/4   |
| BI-110-MH | 2     | to | 1     |
| BI-110-MJ | 2     | to | 1-1/4 |
| BI-110-MK | 2     | to | 1-1/2 |
| BI-110-NH | 2-1/2 | to | 1     |
| BI-110-NJ | 2-1/2 | to | 1-1/4 |
| BI-110-NK | 2-1/2 | to | 1-1/2 |
| BI-110-NM | 2-1/2 | to | 2     |
| BI-110-PM | 3     | to | 2     |
| BI-110-PN | 3     | to | 2-1/2 |
| BI-110-SM | 4     | to | 2     |
| BI-110-SN | 4     | to | 2-1/2 |
| BI-110-SP | 4     | to | 3     |



## LOCK NUT

| PART No. | Pipe  |
|----------|-------|
| BI-111-B | 1/4   |
| BI-111-C | 3/8   |
| BI-111-D | 1/2   |
| BI-111-E | 3/4   |
| BI-111-J | 1-1/4 |



## PLUG (Square Head)

Steel merchant see BI-109MC

| PART No. | Pipe  |
|----------|-------|
| BI-109-A | 1/8   |
| BI-109-B | 1/4   |
| BI-109-C | 3/8   |
| BI-109-D | 1/2   |
| BI-109-E | 3/4   |
| BI-109-H | 1     |
| BI-109-J | 1-1/4 |
| BI-109-K | 1-1/2 |
| BI-109-M | 2     |
| BI-109-N | 2-1/2 |
| BI-109-P | 3     |
| BI-109-S | 4     |



## 90° ELBOW

| PART No. | Pipe  |
|----------|-------|
| BI-100-A | 1/8   |
| BI-100-B | 1/4   |
| BI-100-C | 3/8   |
| BI-100-D | 1/2   |
| BI-100-E | 3/4   |
| BI-100-H | 1     |
| BI-100-J | 1-1/4 |
| BI-100-K | 1-1/2 |
| BI-100-M | 2     |
| BI-100-N | 2-1/2 |
| BI-100-P | 3     |
| BI-100-S | 4     |



## REDUCING 90° ELBOW

| PART No.  | Pipe  | to | Pipe  |
|-----------|-------|----|-------|
| BI-100-CB | 3/8   | to | 1/4   |
| BI-100-DB | 1/2   | to | 1/4   |
| BI-100-DC | 1/2   | to | 3/8   |
| BI-100-EC | 3/4   | to | 3/8   |
| BI-100-ED | 3/4   | to | 1/2   |
| BI-100-HD | 1     | to | 1/2   |
| BI-100-HE | 1     | to | 3/4   |
| BI-100-JE | 1-1/4 | to | 3/4   |
| BI-100-JH | 1-1/4 | to | 1     |
| BI-100-KH | 1-1/2 | to | 1     |
| BI-100-KJ | 1-1/2 | to | 1-1/4 |
| BI-100-MH | 2     | to | 1     |
| BI-100-MJ | 2     | to | 1-1/4 |
| BI-100-MK | 2     | to | 1-1/2 |



## 45° ELBOW

| PART No. | Pipe  |
|----------|-------|
| BI-105-A | 1/8   |
| BI-105-B | 1/4   |
| BI-105-C | 3/8   |
| BI-105-D | 1/2   |
| BI-105-E | 3/4   |
| BI-105-H | 1     |
| BI-105-J | 1-1/4 |
| BI-105-K | 1-1/2 |
| BI-105-M | 2     |
| BI-105-P | 3     |
| BI-105-S | 4     |



## 90° STREET ELBOW

| PART No. | Pipe  |
|----------|-------|
| BI-116-A | 1/8   |
| BI-116-B | 1/4   |
| BI-116-C | 3/8   |
| BI-116-D | 1/2   |
| BI-116-E | 3/4   |
| BI-116-H | 1     |
| BI-116-J | 1-1/4 |
| BI-116-K | 1-1/2 |
| BI-116-M | 2     |
| BI-116-N | 2-1/2 |
| BI-116-P | 3     |
| BI-116-S | 4     |



## 45° STREET ELBOW

| PART No. | Pipe  |
|----------|-------|
| BI-124-A | 1/8   |
| BI-124-B | 1/4   |
| BI-124-C | 3/8   |
| BI-124-D | 1/2   |
| BI-124-E | 3/4   |
| BI-124-H | 1     |
| BI-124-J | 1-1/4 |
| BI-124-K | 1-1/2 |
| BI-124-M | 2     |



## TEE

| PART No. | Pipe  |
|----------|-------|
| BI-101-A | 1/8   |
| BI-101-B | 1/4   |
| BI-101-C | 3/8   |
| BI-101-D | 1/2   |
| BI-101-E | 3/4   |
| BI-101-H | 1     |
| BI-101-J | 1-1/4 |
| BI-101-K | 1-1/2 |
| BI-101-M | 2     |
| BI-101-N | 2-1/2 |
| BI-101-P | 3     |
| BI-101-S | 4     |



## REDUCING TEE

| PART No.   | Pipe Size |       |       |
|------------|-----------|-------|-------|
|            | 1         | 2     | 3     |
| BI-101-DB  | 1/2       | 1/2   | 1/4   |
| BI-101-DC  | 1/2       | 1/2   | 3/8   |
| BI-101-EB  | 3/4       | 3/4   | 1/4   |
| BI-101-EBE | 3/4       | 1/4   | 3/4   |
| BI-101-ED  | 3/4       | 3/4   | 1/2   |
| BI-101-EDD | 3/4       | 1/2   | 1/2   |
| BI-101-EDE | 3/4       | 1/2   | 3/4   |
| BI-101-HB  | 1         | 1     | 1/4   |
| BI-101-HBH | 1         | 1/4   | 1     |
| BI-101-HD  | 1         | 1     | 1/2   |
| BI-101-HDD | 1         | 1/2   | 1/2   |
| BI-101-HDH | 1         | 1/2   | 1     |
| BI-101-HE  | 1         | 1     | 3/4   |
| BI-101-HED | 1         | 3/4   | 1/2   |
| BI-101-HEE | 1         | 3/4   | 3/4   |
| BI-101-HEH | 1         | 3/4   | 1     |
| BI-101-JE  | 1-1/4     | 1-1/4 | 3/4   |
| BI-101-JEE | 1-1/4     | 3/4   | 3/4   |
| BI-101-JH  | 1-1/4     | 1-1/4 | 1     |
| BI-101-KD  | 1-1/2     | 1-1/2 | 1/2   |
| BI-101-KDK | 1-1/2     | 1/2   | 1-1/2 |

Continued on next page.



# BLACK IRON PIPE FITTINGS

## SCHEDULE 40 (150 LB.)

A



**REDUCING TEE**

| PART No.   | Pipe Size |       |       |
|------------|-----------|-------|-------|
|            | 1         | 2     | 3     |
| BI-101-KE  | 1-1/2     | 1-1/2 | 3/4   |
| BI-101-KH  | 1-1/2     | 1-1/2 | 1     |
| BI-101-KJ  | 1-1/2     | 1-1/2 | 1-1/4 |
| BI-101-MD  | 2         | 2     | 1/2   |
| BI-101-ME  | 2         | 2     | 3/4   |
| BI-101-MH  | 2         | 2     | 1     |
| BI-101-MHM | 2         | 1     | 2     |
| BI-101-MJ  | 2         | 2     | 1-1/4 |
| BI-101-MK  | 2         | 2     | 1-1/2 |
| BI-101-NK  | 2-1/2     | 2-1/2 | 1-1/2 |
| BI-101-PM  | 3         | 3     | 2     |

**SCHEDULE 80:**  
Replace prefix BI- with BI80-  
for schedule 80 (300LB.)



**CAP**

| PART No. | Pipe  |
|----------|-------|
| BI-108-A | 1/8   |
| BI-108-B | 1/4   |
| BI-108-C | 3/8   |
| BI-108-D | 1/2   |
| BI-108-E | 3/4   |
| BI-108-H | 1     |
| BI-108-J | 1-1/4 |
| BI-108-K | 1-1/2 |
| BI-108-M | 2     |
| BI-108-N | 2-1/2 |
| BI-108-P | 3     |
| BI-108-S | 4     |



**CROSS**

| PART No. | Pipe  |
|----------|-------|
| BI-102-C | 3/8   |
| BI-102-D | 1/2   |
| BI-102-E | 3/4   |
| BI-102-H | 1     |
| BI-102-J | 1-1/4 |
| BI-102-K | 1-1/2 |
| BI-102-M | 2     |



**FLOOR FLANGE**

| PART No. | Pipe  |
|----------|-------|
| BI-114-B | 1/4   |
| BI-114-C | 3/8   |
| BI-114-D | 1/2   |
| BI-114-E | 3/4   |
| BI-114-H | 1     |
| BI-114-J | 1-1/4 |
| BI-114-K | 1-1/2 |
| BI-114-M | 2     |
| BI-114-N | 2-1/2 |

**NOTE: For thread sealants**  
See Page 260

# GALVANIZED PIPE FITTINGS

## SCHEDULE 40 (150 LB.)



**LONG NIPPLE**

| PART No.       | Pipe | Length (IN.) |
|----------------|------|--------------|
| <b>1/8 NPT</b> |      |              |
| GI-113-A1-1/2  | 1/8  | 1-1/2        |
| GI-113-A2      | 1/8  | 2            |
| GI-113-A2-1/2  | 1/8  | 2-1/2        |
| GI-113-A3      | 1/8  | 3            |
| GI-113-A3-1/2  | 1/8  | 3-1/2        |
| GI-113-A4      | 1/8  | 4            |
| GI-113-A4-1/2  | 1/8  | 4-1/2        |
| GI-113-A5      | 1/8  | 5            |
| GI-113-A5-1/2  | 1/8  | 5-1/2        |
| GI-113-A6      | 1/8  | 6            |
| <b>1/4 NPT</b> |      |              |
| GI-113-B1-1/2  | 1/4  | 1-1/2        |
| GI-113-B2      | 1/4  | 2            |
| GI-113-B2-1/2  | 1/4  | 2-1/2        |
| GI-113-B3      | 1/4  | 3            |
| GI-113-B3-1/2  | 1/4  | 3-1/2        |
| GI-113-B4      | 1/4  | 4            |
| GI-113-B4-1/2  | 1/4  | 4-1/2        |
| GI-113-B5      | 1/4  | 5            |
| GI-113-B5-1/2  | 1/4  | 5-1/2        |
| GI-113-B6      | 1/4  | 6            |
| <b>3/8 NPT</b> |      |              |
| GI-113-C1-1/2  | 3/8  | 1-1/2        |
| GI-113-C2      | 3/8  | 2            |
| GI-113-C2-1/2  | 3/8  | 2-1/2        |
| GI-113-C3      | 3/8  | 3            |
| GI-113-C3-1/2  | 3/8  | 3-1/2        |
| GI-113-C4      | 3/8  | 4            |
| GI-113-C4-1/2  | 3/8  | 4-1/2        |
| GI-113-C5      | 3/8  | 5            |
| GI-113-C6      | 3/8  | 6            |

| PART No.       | Pipe | Length (IN.) |
|----------------|------|--------------|
| <b>1/2 NPT</b> |      |              |
| GI-113-D1-1/2  | 1/2  | 1-1/2        |
| GI-113-D2      | 1/2  | 2            |
| GI-113-D2-1/2  | 1/2  | 2-1/2        |
| GI-113-D3      | 1/2  | 3            |
| GI-113-D3-1/2  | 1/2  | 3-1/2        |
| GI-113-D4      | 1/2  | 4            |
| GI-113-D4-1/2  | 1/2  | 4-1/2        |
| GI-113-D5      | 1/2  | 5            |
| GI-113-D5-1/2  | 1/2  | 5-1/2        |
| GI-113-D6      | 1/2  | 6            |
| GI-113-D8      | 1/2  | 8            |
| <b>3/4 NPT</b> |      |              |
| GI-113-E1-1/2  | 3/4  | 1-1/2        |
| GI-113-E2      | 3/4  | 2            |
| GI-113-E2-1/2  | 3/4  | 2-1/2        |
| GI-113-E3      | 3/4  | 3            |
| GI-113-E3-1/2  | 3/4  | 3-1/2        |
| GI-113-E4      | 3/4  | 4            |
| GI-113-E4-1/2  | 3/4  | 4-1/2        |
| GI-113-E5      | 3/4  | 5            |
| GI-113-E5-1/2  | 3/4  | 5-1/2        |
| GI-113-E6      | 3/4  | 6            |
| <b>1 NPT</b>   |      |              |
| GI-113-H2      | 1    | 2            |
| GI-113-H2-1/2  | 1    | 2-1/2        |
| GI-113-H3      | 1    | 3            |
| GI-113-H3-1/2  | 1    | 3-1/2        |
| GI-113-H4      | 1    | 4            |
| GI-113-H4-1/2  | 1    | 4-1/2        |
| GI-113-H5      | 1    | 5            |
| GI-113-H5-1/2  | 1    | 5-1/2        |
| GI-113-H6      | 1    | 6            |

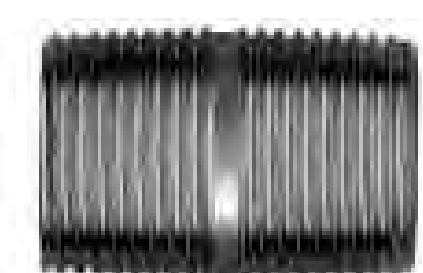
| PART No.         | Pipe  | Length (IN.) |
|------------------|-------|--------------|
| <b>1-1/4 NPT</b> |       |              |
| GI-113-J2        | 1-1/4 | 2            |
| GI-113-J2-1/2    | 1-1/4 | 2-1/2        |
| GI-113-J3        | 1-1/4 | 3            |
| GI-113-J3-1/2    | 1-1/4 | 3-1/2        |
| GI-113-J4        | 1-1/4 | 4            |
| GI-113-J4-1/2    | 1-1/4 | 4-1/2        |
| GI-113-J5        | 1-1/4 | 5            |
| GI-113-J5-1/2    | 1-1/4 | 5-1/2        |
| GI-113-J6        | 1-1/4 | 6            |
| <b>1-1/2 NPT</b> |       |              |
| GI-113-K2        | 1-1/2 | 2            |
| GI-113-K2-1/2    | 1-1/2 | 2-1/2        |
| GI-113-K3        | 1-1/2 | 3            |
| GI-113-K3-1/2    | 1-1/2 | 3-1/2        |
| GI-113-K4        | 1-1/2 | 4            |
| GI-113-K4-1/2    | 1-1/2 | 4-1/2        |
| GI-113-K5        | 1-1/2 | 5            |
| GI-113-K5-1/2    | 1-1/2 | 5-1/2        |
| GI-113-K6        | 1-1/2 | 6            |
| <b>2 NPT</b>     |       |              |
| GI-113-M2-1/2    | 2     | 2-1/2        |
| GI-113-M3        | 2     | 3            |
| GI-113-M3-1/2    | 2     | 3-1/2        |
| GI-113-M4        | 2     | 4            |
| GI-113-M5        | 2     | 5            |
| GI-113-M5-1/2    | 2     | 5-1/2        |
| GI-113-M6        | 2     | 6            |
| <b>2-1/2 NPT</b> |       |              |
| GI-113-N6        | 2-1/2 | 6            |
| <b>3 NPT</b>     |       |              |
| GI-113-P4        | 3     | 4            |
| GI-113-P6        | 3     | 6            |
| <b>4 NPT</b>     |       |              |
| GI-113-S4        | 4     | 4            |
| GI-113-S6        | 4     | 6            |



# GALVANIZED PIPE FITTINGS SCHEDULE 40 (150 LB.)

**Fairview**

A



### CLOSE NIPPLE

| PART No. | Pipe  |
|----------|-------|
| GI-112-A | 1/8   |
| GI-112-B | 1/4   |
| GI-112-C | 3/8   |
| GI-112-D | 1/2   |
| GI-112-E | 3/4   |
| GI-112-H | 1     |
| GI-112-J | 1-1/4 |
| GI-112-K | 1-1/2 |
| GI-112-M | 2     |
| GI-112-N | 2-1/2 |
| GI-112-P | 3     |
| GI-112-S | 4     |



### COUPLING

Reducing coupling see GI-119

| PART No. | Pipe  |
|----------|-------|
| GI-103-A | 1/8   |
| GI-103-B | 1/4   |
| GI-103-C | 3/8   |
| GI-103-D | 1/2   |
| GI-103-E | 3/4   |
| GI-103-H | 1     |
| GI-103-J | 1-1/4 |
| GI-103-K | 1-1/2 |
| GI-103-M | 2     |



### REDUCING COUPLING

| PART No.  | Pipe           |
|-----------|----------------|
| GI-119-BA | 1/4 to 1/8     |
| GI-119-CA | 3/8 to 1/8     |
| GI-119-CB | 3/8 to 1/4     |
| GI-119-DB | 1/2 to 1/4     |
| GI-119-DC | 1/2 to 3/8     |
| GI-119-ED | 3/4 to 1/2     |
| GI-119-HD | 1 to 1/2       |
| GI-119-HE | 1 to 3/4       |
| GI-119-JD | 1-1/4 to 1/2   |
| GI-119-JE | 1-1/4 to 3/4   |
| GI-119-JH | 1-1/4 to 1     |
| GI-119-KE | 1-1/2 to 3/4   |
| GI-119-KH | 1-1/2 to 1     |
| GI-119-KJ | 1-1/2 to 1-1/4 |
| GI-119-ME | 2 to 3/4       |
| GI-119-MH | 2 to 1         |
| GI-119-MJ | 2 to 1-1/4     |
| GI-119-MK | 2 to 1-1/2     |
| GI-119-NM | 2-1/2 to 2     |
| GI-119-PH | 3 to 1         |
| GI-119-PM | 3 to 2         |
| GI-119-SH | 4 to 1         |
| GI-119-SM | 4 to 2         |
| GI-119-SP | 4 to 3         |



### UNION

| PART No. | Pipe  |
|----------|-------|
| GI-104-A | 1/8   |
| GI-104-B | 1/4   |
| GI-104-C | 3/8   |
| GI-104-D | 1/2   |
| GI-104-E | 3/4   |
| GI-104-H | 1     |
| GI-104-J | 1-1/4 |
| GI-104-K | 1-1/2 |
| GI-104-M | 2     |
| GI-104-N | 2-1/2 |
| GI-104-P | 3     |
| GI-104-S | 4     |



### BUSHING

| PART No.  | Pipe         |
|-----------|--------------|
| GI-110-BA | 1/4 to 1/8   |
| GI-110-CA | 3/8 to 1/8   |
| GI-110-CB | 3/8 to 1/4   |
| GI-110-DA | 1/2 to 1/8   |
| GI-110-DB | 1/2 to 1/4   |
| GI-110-DC | 1/2 to 3/8   |
| GI-110-EA | 3/4 to 1/8   |
| GI-110-EB | 3/4 to 1/4   |
| GI-110-EC | 3/4 to 3/8   |
| GI-110-ED | 3/4 to 1/2   |
| GI-110-HA | 1 to 1/8     |
| GI-110-HB | 1 to 1/4     |
| GI-110-HC | 1 to 3/8     |
| GI-110-HD | 1 to 1/2     |
| GI-110-HE | 1 to 3/4     |
| GI-110-JD | 1-1/4 to 1/2 |
| GI-110-JE | 1-1/4 to 3/4 |
| GI-110-JH | 1-1/4 to 1   |
| GI-110-KD | 1-1/2 to 1/2 |
| GI-110-KE | 1-1/2 to 3/4 |
| GI-110-KH | 1-1/2 to 1   |
| GI-110-ME | 2 to 3/4     |
| GI-110-MH | 2 to 1       |
| GI-110-MJ | 2 to 1-1/4   |
| GI-110-MK | 2 to 1-1/2   |
| GI-110-NM | 2-1/2 to 2   |
| GI-110-PH | 3 to 1       |
| GI-110-PM | 3 to 2       |
| GI-110-SH | 4 to 1       |
| GI-110-SM | 4 to 2       |
| GI-110-SP | 4 to 3       |



### PLUG (Square Head)

| PART No. | Pipe  |
|----------|-------|
| GI-109-A | 1/8   |
| GI-109-B | 1/4   |
| GI-109-C | 3/8   |
| GI-109-D | 1/2   |
| GI-109-E | 3/4   |
| GI-109-H | 1     |
| GI-109-J | 1-1/4 |
| GI-109-K | 1-1/2 |
| GI-109-P | 3     |
| GI-109-S | 4     |



### CAP

| PART No. | Pipe  |
|----------|-------|
| GI-108-A | 1/8   |
| GI-108-B | 1/4   |
| GI-108-C | 3/8   |
| GI-108-D | 1/2   |
| GI-108-E | 3/4   |
| GI-108-H | 1     |
| GI-108-J | 1-1/4 |
| GI-108-K | 1-1/2 |
| GI-108-M | 2     |
| GI-108-N | 2-1/2 |
| GI-108-P | 3     |
| GI-108-S | 4     |



### 90° ELBOW

| PART No. | Pipe  |
|----------|-------|
| GI-100-A | 1/8   |
| GI-100-B | 1/4   |
| GI-100-C | 3/8   |
| GI-100-D | 1/2   |
| GI-100-E | 3/4   |
| GI-100-H | 1     |
| GI-100-J | 1-1/4 |
| GI-100-K | 1-1/2 |
| GI-100-M | 2     |
| GI-100-N | 2-1/2 |
| GI-100-P | 3     |
| GI-100-S | 4     |



### REDUCING 90° ELBOW

| PART No.  | Pipe           |
|-----------|----------------|
| GI-100-CB | 3/8 to 1/4     |
| GI-100-DC | 1/2 to 3/8     |
| GI-100-ED | 3/4 to 1/2     |
| GI-100-HD | 1 to 1/2       |
| GI-100-HE | 1 to 3/4       |
| GI-100-JH | 1-1/4 to 1     |
| GI-100-KH | 1-1/2 to 1     |
| GI-100-KJ | 1-1/2 to 1-1/4 |
| GI-100-ME | 2 to 3/4       |



### 45° ELBOW

| PART No. | Pipe  |
|----------|-------|
| GI-105-A | 1/8   |
| GI-105-B | 1/4   |
| GI-105-C | 3/8   |
| GI-105-D | 1/2   |
| GI-105-E | 3/4   |
| GI-105-H | 1     |
| GI-105-J | 1-1/4 |
| GI-105-K | 1-1/2 |
| GI-105-M | 2     |
| GI-105-N | 2-1/2 |
| GI-105-P | 3     |
| GI-105-S | 4     |



### 90° STREET ELBOW

| PART No. | Pipe  |
|----------|-------|
| GI-116-A | 1/8   |
| GI-116-B | 1/4   |
| GI-116-C | 3/8   |
| GI-116-D | 1/2   |
| GI-116-E | 3/4   |
| GI-116-H | 1     |
| GI-116-J | 1-1/4 |
| GI-116-K | 1-1/2 |
| GI-116-M | 2     |
| GI-116-P | 3     |





# GALVANIZED PIPE FITTINGS

## SCHEDULE 40 (150 LB.)

**A**



**45° STREET ELBOW**

| PART No. | Pipe  |
|----------|-------|
| GI-124-A | 1/8   |
| GI-124-B | 1/4   |
| GI-124-C | 3/8   |
| GI-124-D | 1/2   |
| GI-124-E | 3/4   |
| GI-124-H | 1     |
| GI-124-J | 1-1/4 |
| GI-124-K | 1-1/2 |
| GI-124-M | 2     |



**TEE**

| PART No. | Pipe  |
|----------|-------|
| GI-101-A | 1/8   |
| GI-101-B | 1/4   |
| GI-101-C | 3/8   |
| GI-101-D | 1/2   |
| GI-101-E | 3/4   |
| GI-101-H | 1     |
| GI-101-J | 1-1/4 |
| GI-101-K | 1-1/2 |
| GI-101-M | 2     |
| GI-101-P | 3     |
| GI-101-S | 4     |



**REDUCING TEE**

| PART No.   | Pipe Size |       |       |
|------------|-----------|-------|-------|
|            | 1         | 2     | 3     |
| GI-101-DE  | 1/2       | 1/2   | 3/4   |
| GI-101-DH  | 1/2       | 1/2   | 1     |
| GI-101-EB  | 3/4       | 3/4   | 1/4   |
| GI-101-ED  | 3/4       | 3/4   | 1/2   |
| GI-101-EDD | 3/4       | 1/2   | 1/2   |
| GI-101-EDE | 3/4       | 1/2   | 3/4   |
| GI-101-EH  | 3/4       | 3/4   | 1     |
| GI-101-EM  | 3/4       | 3/4   | 2     |
| GI-101-HB  | 1         | 1     | 1/4   |
| GI-101-HD  | 1         | 1     | 1/2   |
| GI-101-HE  | 1         | 1     | 3/4   |
| GI-101-HEH | 1         | 3/4   | 1     |
| GI-101-HM  | 1         | 1     | 2     |
| GI-101-JE  | 1-1/4     | 1-1/4 | 3/4   |
| GI-101-JK  | 1-1/4     | 1-1/4 | 1-1/2 |
| GI-101-JM  | 1-1/4     | 1-1/4 | 1     |
| GI-101-KE  | 1-1/2     | 1-1/2 | 3/4   |
| GI-101-MD  | 2         | 2     | 1/2   |
| GI-101-ME  | 2         | 2     | 3/4   |
| GI-101-SH  | 4         | 4     | 1     |
| GI-101-SM  | 4         | 4     | 2     |
| GI-101-SP  | 4         | 4     | 3     |

Other sizes available.  
minimums apply.



**CROSS**

| PART No. | Pipe |
|----------|------|
| GI-102-C | 3/8  |
| GI-102-D | 1/2  |
| GI-102-E | 3/4  |



**FLOOR FLANGE**

| PART No. | Pipe |
|----------|------|
| GI-114-D | 1/2  |



**LOCK NUT**

| PART No. | Pipe |
|----------|------|
| GI-111-B | 1/4  |
| GI-111-D | 1/2  |

## BRASS D.O.T. AIR BRAKE FITTINGS (FOR COPPER TUBE)



**SLEEVE**

| PART No. | Tube |
|----------|------|
| 1160-4   | 1/4  |
| 1160-6   | 3/8  |
| 1160-8   | 1/2  |
| 1160-10  | 5/8  |
| 1160-12  | 3/4  |



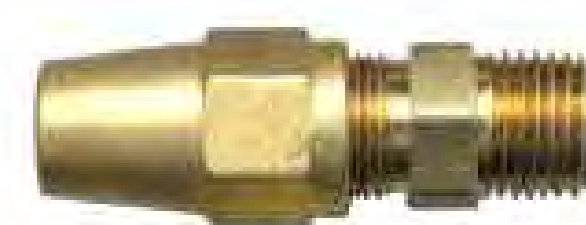
**NUT**

| PART No. | Tube |
|----------|------|
| 1161-4   | 1/4  |
| 1161-6   | 3/8  |
| 1161-8   | 1/2  |
| 1161-10  | 5/8  |
| 1161-12  | 3/4  |



**UNION COUPLING**

| PART No. | Tube |
|----------|------|
| 1162-4   | 1/4  |
| 1162-6   | 3/8  |
| 1162-8   | 1/2  |



**CONNECTOR  
Tube  
To  
Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 1168-4A  | 1/4  | 1/8  |
| 1168-4B  | 1/4  | 1/4  |
| 1168-6B  | 3/8  | 1/4  |
| 1168-6C  | 3/8  | 3/8  |
| 1168-8C  | 1/2  | 3/8  |
| 1168-8D  | 1/2  | 1/2  |
| 1168-10D | 5/8  | 1/2  |
| 1168-12E | 3/4  | 3/4  |



**45° ELBOW  
Tube  
To  
Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 1174-6B  | 3/8  | 1/4  |
| 1174-6C  | 3/8  | 3/8  |



**90° ELBOW  
Tube  
To  
Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 1169-4A  | 1/4  | 1/8  |
| 1169-4B  | 1/4  | 1/4  |
| 1169-6B  | 3/8  | 1/4  |
| 1169-6C  | 3/8  | 3/8  |
| 1169-8C  | 1/2  | 3/8  |



**90° ELBOW  
Tube  
To  
Female Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 1170-4A  | 1/4  | 1/8  |
| 1170-6B  | 3/8  | 1/4  |



**TEE  
Tube  
Three Ends**

| PART No. | Tube |
|----------|------|
| 1164-4   | 1/4  |
| 1164-6   | 3/8  |



**TEE  
Ends Tube  
To Male Pipe  
Center Tube**

| PART No. | Tube | Pipe |
|----------|------|------|
| 1171-4B  | 1/4  | 1/4  |

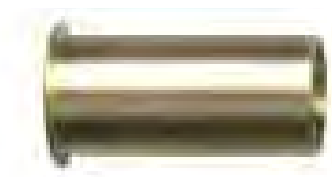


# BRASS D.O.T. AIR BRAKE FITTINGS

(WITH FIXED INSERTS, FOR D.O.T. AIR BRAKE TUBE: PAGE 144)



A



## INSERT

| PART No. | For Tube I.D. |
|----------|---------------|
| 1481-2   | .078          |
| 1481-4   | .170          |
| 1481-5   | .232          |
| 1481-6   | .250          |
| 1481-8   | .375          |
| 1481-10  | .440          |
| 1481-12  | .566          |



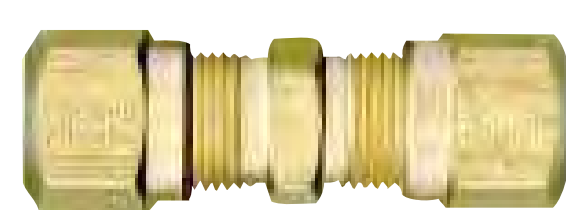
## SLEEVE

| PART No. | Tube |
|----------|------|
| 1460-4   | 1/4  |
| 1460-6   | 3/8  |
| 1460-8   | 1/2  |
| 1460-10  | 5/8  |
| 1460-12  | 3/4  |



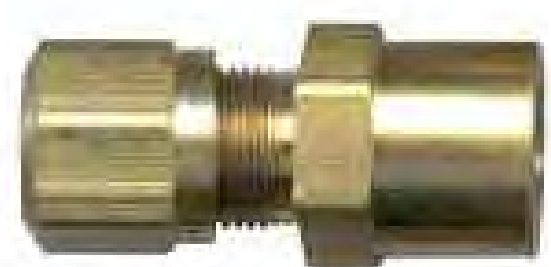
## NUT

| PART No. | Tube |
|----------|------|
| 1461-4   | 1/4  |
| 1461-6   | 3/8  |
| 1461-8   | 1/2  |
| 1461-10  | 5/8  |
| 1461-12  | 3/4  |



## UNION COUPLING

| PART No. | Tube |
|----------|------|
| 1462-4   | 1/4  |
| 1462-6   | 3/8  |
| 1462-8   | 1/2  |
| 1462-10  | 5/8  |
| 1462-12  | 3/4  |



## CONNECTOR Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 1466-4A  | 1/4  | 1/8  |
| 1466-4B  | 1/4  | 1/4  |
| 1466-4C  | 1/4  | 3/8  |
| 1466-6A  | 3/8  | 1/8  |
| 1466-6B  | 3/8  | 1/4  |
| 1466-6C  | 3/8  | 3/8  |
| 1466-8C  | 1/2  | 3/8  |
| 1466-8D  | 1/2  | 1/2  |
| 1466-10C | 5/8  | 3/8  |
| 1466-10D | 5/8  | 1/2  |
| 1466-12D | 3/4  | 1/2  |
| 1466-12E | 3/4  | 3/4  |



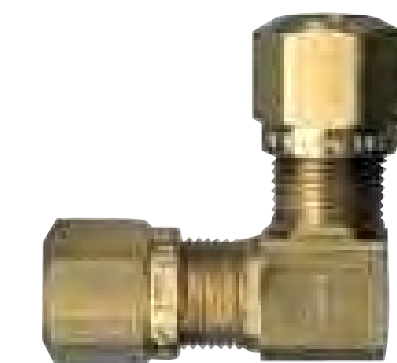
## CONNECTOR Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 1468-4A  | 1/4  | 1/8  |
| 1468-4B  | 1/4  | 1/4  |
| 1468-4C  | 1/4  | 3/8  |
| 1468-4D  | 1/4  | 1/2  |
| 1468-6A  | 3/8  | 1/8  |
| 1468-6B  | 3/8  | 1/4  |
| 1468-6C  | 3/8  | 3/8  |
| 1468-6D  | 3/8  | 1/2  |
| 1468-8B  | 1/2  | 1/4  |
| 1468-8C  | 1/2  | 3/8  |
| 1468-8D  | 1/2  | 1/2  |
| 1468-8E  | 1/2  | 3/4  |
| 1468-10C | 5/8  | 3/8  |
| 1468-10D | 5/8  | 1/2  |
| 1468-10E | 5/8  | 3/4  |
| 1468-12D | 3/4  | 1/2  |
| 1468-12E | 3/4  | 3/4  |



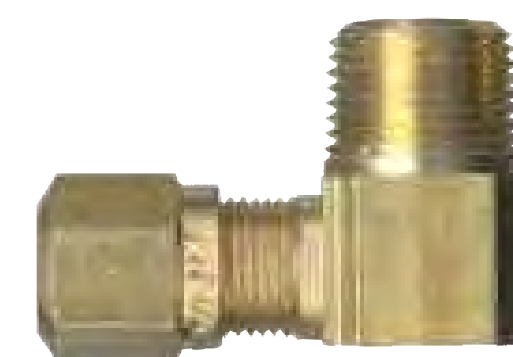
## 45° ELBOW Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 1474-4A  | 1/4  | 1/8  |
| 1474-4B  | 1/4  | 1/4  |
| 1474-6B  | 3/8  | 1/4  |
| 1474-6C  | 3/8  | 3/8  |
| 1474-6D  | 3/8  | 1/2  |
| 1474-8B  | 1/2  | 1/4  |
| 1474-8C  | 1/2  | 3/8  |
| 1474-8D  | 1/2  | 1/2  |
| 1474-10D | 5/8  | 1/2  |



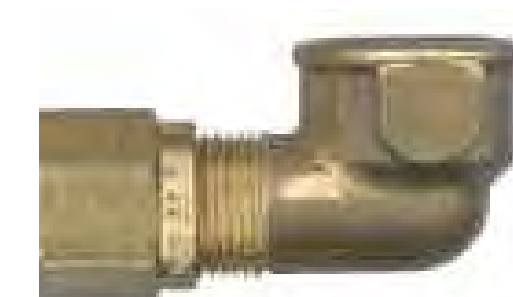
## 90° ELBOW Tube To Tube

| PART No. | Tube |
|----------|------|
| 1465-4   | 1/4  |
| 1465-6   | 3/8  |
| 1465-8   | 1/2  |
| 1465-10  | 5/8  |
| 1465-12  | 3/4  |



## 90° ELBOW Tube To Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 1469-4A  | 1/4  | 1/8  |
| 1469-4B  | 1/4  | 1/4  |
| 1469-4C  | 1/4  | 3/8  |
| 1469-4D  | 1/4  | 1/2  |
| 1469-6A  | 3/8  | 1/8  |
| 1469-6B  | 3/8  | 1/4  |
| 1469-6C  | 3/8  | 3/8  |
| 1469-6D  | 3/8  | 1/2  |
| 1469-8B  | 1/2  | 1/4  |
| 1469-8C  | 1/2  | 3/8  |
| 1469-8D  | 1/2  | 1/2  |
| 1469-10C | 5/8  | 3/8  |
| 1469-10D | 5/8  | 1/2  |
| 1469-10E | 5/8  | 3/4  |
| 1469-12D | 3/4  | 1/2  |
| 1469-12E | 3/4  | 3/4  |



## 90° ELBOW Tube To Female Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 1470-4A  | 1/4  | 1/8  |
| 1470-4B  | 1/4  | 1/4  |
| 1470-6A  | 3/8  | 1/8  |
| 1470-6B  | 3/8  | 1/4  |
| 1470-6C  | 3/8  | 3/8  |
| 1470-8C  | 1/2  | 3/8  |
| 1470-8D  | 1/2  | 1/2  |
| 1470-10D | 5/8  | 1/2  |
| 1470-12D | 3/4  | 1/2  |



## TEE Tube Three Ends

| PART No. | Tube |
|----------|------|
| 1464-4   | 1/4  |
| 1464-6   | 3/8  |
| 1464-8   | 1/2  |
| 1464-10  | 5/8  |
| 1464-12  | 3/4  |

**Reducing**

|          | 1   | 2   | 3   |
|----------|-----|-----|-----|
| 1464R-64 | 3/8 | 3/8 | 1/4 |
| 1464R-86 | 1/2 | 1/2 | 3/8 |



## TEE Ends Tube To Male Pipe Center Tube

| PART No. | Tube | Pipe |
|----------|------|------|
| 1471-4A  | 1/4  | 1/8  |
| 1471-4B  | 1/4  | 1/4  |
| 1471-6B  | 3/8  | 1/4  |
| 1471-6C  | 3/8  | 3/8  |
| 1471-8C  | 1/2  | 3/8  |
| 1471-8D  | 1/2  | 1/2  |
| 1471-10D | 5/8  | 1/2  |
| 1471-12D | 3/4  | 1/2  |



## TEE Ends Tube Center Male Pipe

| PART No. | Tube | Pipe |
|----------|------|------|
| 1472-4A  | 1/4  | 1/8  |
| 1472-4B  | 1/4  | 1/4  |
| 1472-6A  | 3/8  | 1/8  |
| 1472-6B  | 3/8  | 1/4  |
| 1472-6C  | 3/8  | 3/8  |
| 1472-8B  | 1/2  | 1/4  |
| 1472-8C  | 1/2  | 3/8  |
| 1472-8D  | 1/2  | 1/2  |
| 1472-10D | 5/8  | 1/2  |
| 1472-12D | 3/4  | 1/2  |
| 1472-12E | 3/4  | 3/4  |



## TEE Female To Male Pipe Center Tube

| PART No. | Tube | Pipe |
|----------|------|------|
| 1476-4A  | 1/4  | 1/8  |
| 1476-6B  | 3/8  | 1/4  |



## BULKHEAD UNION (With Lock Washer)

| PART No. | Tube |
|----------|------|
| 1477-4   | 1/4  |
| 1477-6   | 3/8  |
| 1477-8   | 1/2  |
| 1477-10  | 5/8  |





# PUSH-TO-CONNECT D.O.T. AIR BRAKE FITTINGS

(FOR D.O.T. AIR BRAKE TUBE: PAGE 144)

D.O.T. RECOGNIZED FOR ALL AIR BRAKE APPLICATIONS EXCEPT THOSE FOR USE BETWEEN FRAME AND AXLE OR BETWEEN TOWED AND TOWING VEHICLES.

A



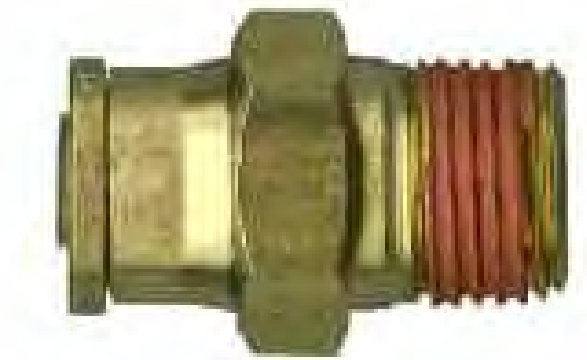
**UNION  
COUPLING**

| PART No.    | Tube |
|-------------|------|
| PC1462-5/32 | 5/32 |
| PC1462-4    | 1/4  |
| PC1462-6    | 3/8  |
| PC1462-8    | 1/2  |
| PC1462-10   | 5/8  |
| PC1462-12   | 3/4  |



**CONNECTOR  
Tube  
To  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1466-4A | 1/4  | 1/8  |
| PC1466-4B | 1/4  | 1/4  |
| PC1466-6B | 3/8  | 1/4  |
| PC1466-6C | 3/8  | 3/8  |
| PC1466-8C | 1/2  | 3/8  |
| PC1466-8D | 1/2  | 1/2  |



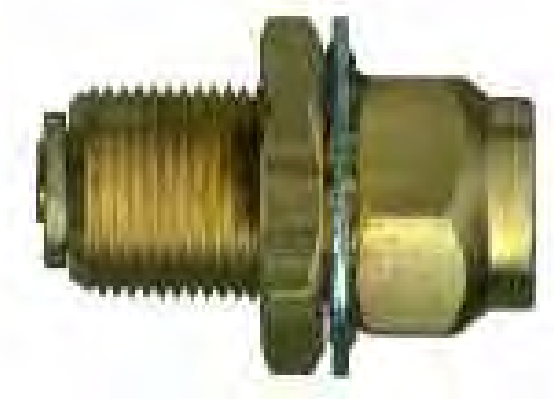
**CONNECTOR  
Tube To  
Male Pipe**

| PART No.      | Tube | Pipe     |
|---------------|------|----------|
| PC1468-3A     | 3/16 | 1/8      |
| PC1468-3B     | 3/16 | 1/4      |
| PC1468-5/32X1 | 5/32 | 1/16     |
| PC1468-5/32A  | 5/32 | 1/8      |
| PC1468-4A     | 1/4  | 1/8      |
| PC1468-4B     | 1/4  | 1/4      |
| PC1468-4C     | 1/4  | 3/8      |
| PC1468-6A     | 3/8  | 1/8      |
| PC1468-6B     | 3/8  | 1/4      |
| PC1468L-6B    | 3/8  | Long 1/4 |
| PC1468-6C     | 3/8  | 3/8      |
| PC1468-6D     | 3/8  | 1/2      |
| PC1468-8B     | 1/2  | 1/4      |
| PC1468-8C     | 1/2  | 3/8      |
| PC1468-8D     | 1/2  | 1/2      |
| PC1468-10C    | 5/8  | 3/8      |
| PC1468-10D    | 5/8  | 1/2      |
| PC1468-12D    | 3/4  | 1/2      |
| PC1468-12E    | 3/4  | 3/4      |



**BULKHEAD  
UNION**

| PART No.  | Tube |
|-----------|------|
| PC1477-4  | 1/4  |
| PC1477-6  | 3/8  |
| PC1477-8  | 1/2  |
| PC1477-10 | 5/8  |



**BULKHEAD  
UNION  
Tube To  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1486-4B | 1/4  | 1/4  |
| PC1486-6C | 3/8  | 3/8  |
| PC1486-8C | 1/2  | 3/8  |



**BULKHEAD  
UNION  
Tube To  
Male Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1483-6D | 3/8  | 1/2  |
| PC1483-8D | 1/2  | 1/2  |



**90° ELBOW  
Tube To  
Tube**

| PART No. | Tube |
|----------|------|
| PC1465-4 | 1/4  |
| PC1465-6 | 3/8  |
| PC1465-8 | 1/2  |



**90° ELBOW  
Tube To  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1470-4A | 1/4  | 1/8  |
| PC1470-4B | 1/4  | 1/4  |
| PC1470-6B | 3/8  | 1/4  |
| PC1470-6C | 3/8  | 3/8  |
| PC1470-8D | 1/2  | 1/2  |



**90° ELBOW  
Tube  
To  
Male Pipe**

| PART No.     | Tube | Pipe |
|--------------|------|------|
| PC1469-3A    | 3/16 | 1/8  |
| PC1469-5/32A | 5/32 | 1/8  |
| PC1469-4A    | 1/4  | 1/8  |
| PC1469-4B    | 1/4  | 1/4  |
| PC1469-4C    | 1/4  | 3/8  |
| PC1469-6A    | 3/8  | 1/8  |
| PC1469-6B    | 3/8  | 1/4  |
| PC1469-6C    | 3/8  | 3/8  |
| PC1469-6D    | 3/8  | 1/2  |
| PC1469-8B    | 1/2  | 1/4  |
| PC1469-8C    | 1/2  | 3/8  |
| PC1469-8D    | 1/2  | 1/2  |
| PC1469-10C   | 5/8  | 3/8  |
| PC1469-10D   | 5/8  | 1/2  |
| PC1469-12D   | 3/4  | 1/2  |
| PC1469-12E   | 3/4  | 3/4  |



**90° ELBOW  
Tube To  
Male Pipe  
Swivel**

| PART No.     | Tube | Pipe |
|--------------|------|------|
| PC1469SW-4A  | 1/4  | 1/8  |
| PC1469SW-4B  | 1/4  | 1/4  |
| PC1469SW-4C  | 1/4  | 3/8  |
| PC1469SW-6A  | 3/8  | 1/8  |
| PC1469SW-6B  | 3/8  | 1/4  |
| PC1469SW-6C  | 3/8  | 3/8  |
| PC1469SW-6D  | 3/8  | 1/2  |
| PC1469SW-8B  | 1/2  | 1/4  |
| PC1469SW-8C  | 1/2  | 3/8  |
| PC1469SW-8D  | 1/2  | 1/2  |
| PC1469SW-10C | 5/8  | 3/8  |
| PC1469SW-10D | 5/8  | 1/2  |
| PC1469SW-12D | 3/4  | 1/2  |
| PC1469SW-12E | 3/4  | 3/4  |



**45° ELBOW  
Tube  
To  
Male Pipe**

| PART No.   | Tube | Pipe |
|------------|------|------|
| PC1474-4A  | 1/4  | 1/8  |
| PC1474-4B  | 1/4  | 1/4  |
| PC1474-6A  | 3/8  | 1/8  |
| PC1474-6B  | 3/8  | 1/4  |
| PC1474-6C  | 3/8  | 3/8  |
| PC1474-8B  | 1/2  | 1/4  |
| PC1474-8C  | 1/2  | 3/8  |
| PC1474-8D  | 1/2  | 1/2  |
| PC1474-10D | 5/8  | 1/2  |
| PC1474-12D | 3/4  | 1/2  |
| PC1474-12E | 3/4  | 3/4  |



**45° ELBOW  
Tube To  
Male Pipe  
Swivel**

| PART No.     | Tube | Pipe |
|--------------|------|------|
| PC1474SW-4A  | 1/4  | 1/8  |
| PC1474SW-4B  | 1/4  | 1/4  |
| PC1474SW-6A  | 3/8  | 1/8  |
| PC1474SW-6B  | 3/8  | 1/4  |
| PC1474SW-6C  | 3/8  | 3/8  |
| PC1474SW-6D  | 3/8  | 1/2  |
| PC1474SW-8B  | 1/2  | 1/4  |
| PC1474SW-8C  | 1/2  | 3/8  |
| PC1474SW-8D  | 1/2  | 1/2  |
| PC1474SW-10C | 5/8  | 3/8  |
| PC1474SW-10D | 5/8  | 1/2  |
| PC1474SW-12E | 3/4  | 3/4  |



**UNION TEE  
Tube Each  
End**

| PART No.   | Tube       |
|------------|------------|
| PC1464-4   | 1/4        |
| PC1464-6   | 3/8        |
| PC1464R-64 | 3/8 TO 1/4 |
| PC1464-8   | 1/2        |
| PC1464-10  | 5/8        |
| PC1464-12  | 3/4        |



# PUSH-TO-CONNECT D.O.T. AIR BRAKE FITTINGS (FOR D.O.T. AIR BRAKE TUBE 1485)



D.O.T. RECOGNIZED FOR ALL AIR BRAKE APPLICATIONS EXCEPT THOSE FOR USE BETWEEN  
FRAME AND AXLE OR BETWEEN TOWED AND TOWING VEHICLES.

A



**TEE**  
Ends Tube  
and  
Male Pipe  
Center Tube

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1471-4A | 1/4  | 1/8  |
| PC1471-4B | 1/4  | 1/4  |
| PC1471-6B | 3/8  | 1/4  |
| PC1471-6C | 3/8  | 3/8  |
| PC1471-8C | 1/2  | 3/8  |



**TEE**  
Ends Tube  
Center  
Male Pipe

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1472-4A | 1/4  | 1/8  |
| PC1472-4B | 1/4  | 1/4  |
| PC1472-6A | 3/8  | 1/8  |
| PC1472-6B | 3/8  | 1/4  |
| PC1472-6C | 3/8  | 3/8  |
| PC1472-8B | 1/2  | 1/4  |
| PC1472-8C | 1/2  | 3/8  |



**TEE**  
Ends Tube  
Center  
Female Pipe

| PART No.  | Tube | Pipe |
|-----------|------|------|
| PC1478-4A | 1/4  | 1/8  |
| PC1478-4B | 1/4  | 1/4  |
| PC1478-6B | 3/8  | 1/4  |



**TEE**  
Ends Tube  
Center Female  
Pipe Swivel

| PART No.    | Tube | Pipe |
|-------------|------|------|
| PC1478SW-4A | 1/4  | 1/8  |
| PC1478SW-6B | 3/8  | 1/4  |



**TEE**  
Ends Tube  
and Male Pipe  
Swivel  
Center Tube

| PART No.    | Tube | Pipe |
|-------------|------|------|
| PC1471SW-4A | 1/4  | 1/8  |
| PC1471SW-4B | 1/4  | 1/4  |
| PC1471SW-6B | 3/8  | 1/4  |
| PC1471SW-6C | 3/8  | 3/8  |
| PC1471SW-8C | 1/2  | 3/8  |
| PC1471SW-8D | 1/2  | 1/2  |



**TEE**  
Ends Tube  
Center Male  
Pipe Swivel

| PART No.    | Tube | Pipe |
|-------------|------|------|
| PC1472SW-4A | 1/4  | 1/8  |
| PC1472SW-4B | 1/4  | 1/4  |
| PC1472SW-6B | 3/8  | 1/4  |
| PC1472SW-6C | 3/8  | 3/8  |
| PC1472SW-8B | 1/2  | 1/4  |
| PC1472SW-8C | 1/2  | 3/8  |
| PC1472SW-8D | 1/2  | 1/2  |



**TUBE  
INSERT**

| PART No. | Tube |
|----------|------|
| PC1400-4 | 1/4  |
| PC1400-6 | 3/8  |
| PC1400-8 | 1/2  |

## BRASS PUSH-TO-CONNECT FITTINGS ASSEMBLY INSTRUCTIONS

PUSH-TO-CONNECT FITTINGS FEATURE A LABOR SAVING FULL FLOW DESIGN THAT REQUIRES NO TOOLS.

Temperature Range -40°F to 225°F (-40°C to 107°C)



**TO CONNECT TUBE:**  
Cut tube as squarely as possible. Insert tube end into fitting, slide the I.D. of the tube over the tube support until friction is felt as tube slides past the O-ring. Using a slight twisting motion while inserting the tube is often helpful. After this initial friction is felt, continue to push in the tube until it bottoms firmly against the internal tube support.

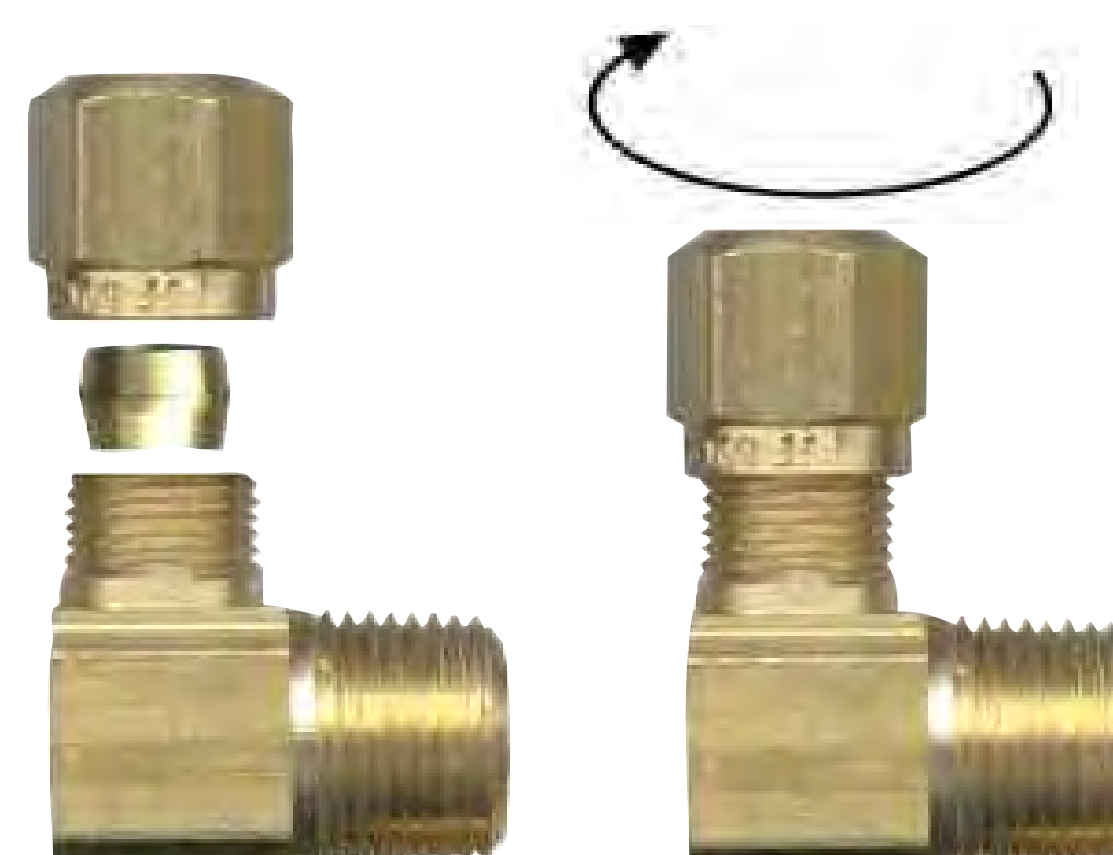


**TO DISCONNECT TUBE:**  
With thumb and forefinger, hold down the top of the insert against the fitting body and then, with the other hand, pull out the tube. No tools are needed.

## BRASS D.O.T. AIR BRAKE FITTINGS ASSEMBLY INSTRUCTIONS

### USE WITH 1485 TUBE

1. Cut tube squarely.
2. Slide nut and then sleeve onto tube.
3. Insert tube fitting until it bottoms on seat.
4. Hand tighten and mark body.
5. Full clockwise wrench turns as per chart.



| Tube Size            | Additional Full Turns from Hand Tight. |
|----------------------|----------------------------------------|
| 1/4"                 | 3                                      |
| 3/8", 1/2", and 5/8" | 4                                      |
| 3/4"                 | 3-1/2                                  |



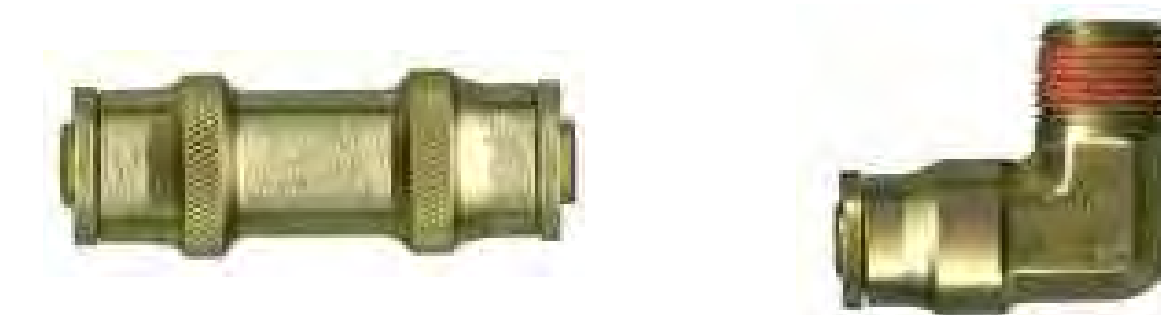
**A**

**PART No. ABFR-KIT-1-PC  
(AIR BRAKE TUBE REPAIR KIT-PUSH-TO-CONNECT FITTINGS)**

This kit includes a selection of push-to-connect fittings and tube to complete many temporary air brake tube repairs in the field or shop. Single sided carry case, with handle.

**Push-To-Connect; Tube Repair Kit Selection:**

| PART No.   | Description               | Qty.   | PART No.   | Description               | Qty. |
|------------|---------------------------|--------|------------|---------------------------|------|
| 1485-4-CUT | Air brake tube 1/4        | 24 In. | PC1468-6C  | Connector tube-mp 3/8-3/8 | 2    |
| 1485-6-CUT | Air brake tube 3/8        | 24 In. | PC1468-8C  | Connector tube-mp 1/2-3/8 | 1    |
| 1485-8-CUT | Air brake tube 1/2        | 24 In. | PC1469-4A  | Elbow tube-mp 1/4-1/8     | 2    |
| PC1462-4   | Air brake union 1/4       | 2      | PC1469-6B  | Elbow tube-mp 3/8-3/8     | 2    |
| PC1462-6   | Air brake union 3/8       | 2      | PC1469-8C  | Elbow tube-mp 1/2-3/8     | 1    |
| PC1462-8   | Air brake union 1/2       | 2      | TK-1       | Thumb knife               | 1    |
| PC1468-4A  | Connector tube-mp 1/4-1/8 | 2      | ABFR-BOX-1 |                           | 1    |
| PC1468-6B  | Connector tube-mp 3/8-1/4 | 2      |            |                           |      |



*No Tool Required Push-To Connect Fittings*

**Kit Dimensions**

Height: 12.0 In.  
Width: 14.5 In.  
Depth: 2.375 In.



**PART No. ABFR-KIT-1 (AIR BRAKE SERVICE KIT - SELECTION 1)**

Designed for use in the field or shop, this kit includes a selection of items to complete many general repairs. Single sided carry case, with handle.

**D.O.T. Air Brake Fittings; Service Kit Selection:**

| PART No. | Description               | Qty. | PART No.   | Description               | Qty. |
|----------|---------------------------|------|------------|---------------------------|------|
| 121-M8   | Thread sealant            | 1    | 1468-6B    | Connector tube-mp 3/8-1/4 | 2    |
| 1460-4   | Air brake sleeve 1/4      | 5    | 1468-8C    | Connector tube-mp 1/2-3/8 | 1    |
| 1460-6   | Air brake sleeve 3/8      | 5    | 1469-4B    | Elbow tube-mp 1/4-1/4     | 2    |
| 1460-8   | Air brake sleeve 1/2      | 5    | 1469-6B    | Elbow tube-mp 3/8-1/4     | 2    |
| 1461-4   | Air brake nut 1/4         | 2    | 1481-4     | Air brake insert 1/4      | 5    |
| 1461-6   | Air brake nut 3/8         | 2    | 1481-6     | Air brake insert 3/8      | 5    |
| 1461-8   | Air brake nut 1/2         | 2    | 1490-6     | Air brake sleeve 3/8      | 6    |
| 1462-4   | Air brake union 1/4       | 2    | 1491-6     | Air brake nut 3/8         | 4    |
| 1462-6   | Air brake union 3/8       | 2    | 1494-6     | Nut with spring guard 3/8 | 2    |
| 1462-8   | Air brake union 1/2       | 1    | 1495B-C    | Brass terminal bolt 3/8   | 1    |
| 1468-4A  | Connector tube-mp 1/4-1/8 | 2    | B1492-6C   | Hose end body 3/8         | 4    |
| 1468-4B  | Connector tube-mp 1/4-1/4 | 2    | B1492-6S   | Hose splicer body 3/8     | 1    |
|          |                           |      | ABFR-BOX-1 |                           | 1    |



**Kit Dimensions**

Height: 12.0 In.  
Width: 14.5 In.  
Depth: 2.375 In.

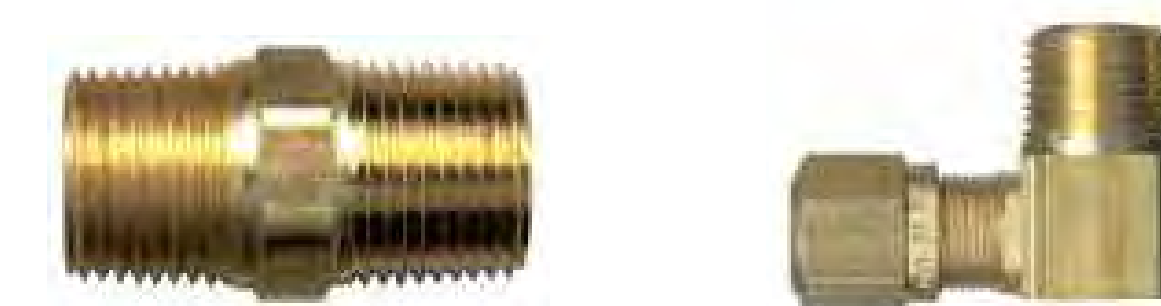


**PART No. ABFR-KIT-2 (AIR BRAKE SERVICE KIT - SELECTION 2)**

Designed for use in the field or shop, this kit includes a large selection of items to complete most general repairs in a double sided carry case, with handle.

**D.O.T. Air Brake & Pipe; Service Kit Selection:**

| PART No. | Desc.             | Qty. | PART No. | Desc.               | Qty. | PART No. | Desc.             | Qty. | PART No.   | Desc.              | Qty. |
|----------|-------------------|------|----------|---------------------|------|----------|-------------------|------|------------|--------------------|------|
| 103-A    | Coupling 1/8 pipe | 2    | 122-B    | Hex nipple 1/4 pipe | 3    | 1462-4   | DOT union 1/4     | 2    | 1469-6B    | DOT elbow 3/8-1/4  | 2    |
| 103-B    | Coupling 1/4 pipe | 2    | 122-C    | Hex nipple 3/8 pipe | 2    | 1462-6   | DOT union 3/8     | 2    | 1469-6C    | DOT elbow 3/8-3/8  | 2    |
| 103-C    | Coupling 3/8 pipe | 2    | 122-D    | Hex nipple 1/2 pipe | 2    | 1462-8   | DOT union 1/2     | 2    | 1469-8C    | DOT elbow 1/2-3/8  | 2    |
| 103-D    | Coupling 1/2 pipe | 1    | 1460-4   | DOT sleeve 1/4      | 3    | 1462-10  | DOT union 5/8     | 1    | 1481-4     | Tube insert 1/4    | 3    |
| 110-BA   | Bushing 1/4-1/8   | 3    | 1460-6   | DOT sleeve 3/8      | 3    | 1468-4A  | Tube-mp 1/4-1/8   | 2    | 1481-6     | Tube insert 3/8    | 3    |
| 110-CB   | Bushing 3/8-1/4   | 2    | 1460-8   | DOT sleeve 1/2      | 3    | 1468-4B  | Tube-mp 1/4-1/4   | 2    | 1481-8     | Tube insert 1/2    | 3    |
| 110-DC   | Bushing 1/2-3/8   | 2    | 1460-10  | DOT sleeve 5/8      | 2    | 1468-6B  | Tube-mp 3/8-1/4   | 2    | 1481-10    | Tube insert 5/8    | 3    |
| 121-B    | Plug hex 1/4 pipe | 3    | 1461-4   | DOT nut 1/4         | 3    | 1468-6C  | Tube-mp 3/8-3/8   | 2    | X115-B     | Extruded elbow 1/4 | 2    |
| 121-C    | Plug hex 3/8 pipe | 2    | 1461-6   | DOT nut 3/8         | 3    | 1468-8C  | Tube-mp 1/2-3/8   | 2    | X115-C     | Extruded elbow 3/8 | 2    |
| 121-D    | Plug hex 1/2 pipe | 2    | 1461-8   | DOT nut 1/2         | 3    | 1469-4A  | DOT elbow 1/4-1/8 | 2    | ABFR-BOX-2 |                    | 1    |
| 121-M8   | Sealant           | 2    | 1461-10  | DOT nut 5/8         | 2    | 1469-4B  | DOT elbow 1/4-1/4 | 2    |            |                    |      |



**Kit Dimensions**

Height: 9.75 In.  
Width: 14.0 In.  
Depth: 4.0 In.





# AIR BRAKE FIELD KITS

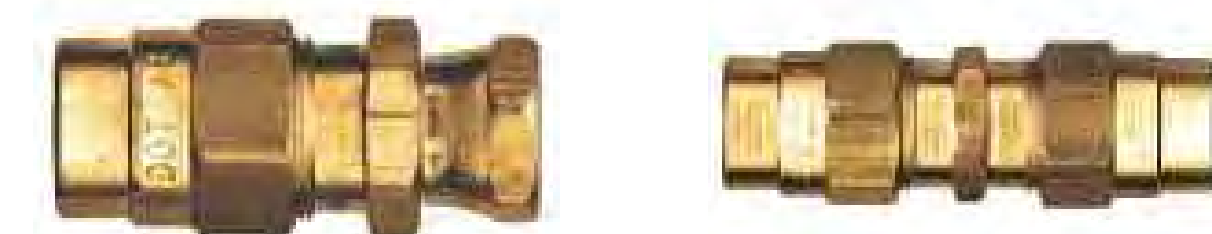
**Fairview**

## PART No. ABFR-KIT-HAB (AIR BRAKE HAB HOSE REPAIR KIT)

Designed for use in the field, this kit includes a selection of items to complete many temporary air brake hose repairs. Single sided carry case, with handle.

### D.O.T. Air Brake Hose Repair Kit Selection:

| PART No.  | Description               | Qty.   | PART No.   | Description               | Qty. |
|-----------|---------------------------|--------|------------|---------------------------|------|
| HAB-6-CUT | DOT air brake hose 3/8    | 16 In. | 1492SW-8   | DOT swivel coupler 1/2    | 1    |
| HAB-8-CUT | DOT air brake hose 1/2    | 16 In. | 4134-6B    | Hose connector 3/4-20 1/4 | 2    |
| 110-CB    | Bushing 3/8-1/4           | 2      | 4134-6C    | Hose connector 3/4-20 3/8 | 2    |
| 110-DC    | Bushing 3/8-1/4           | 2      | 4134-8C-WH | Hose connector 7/8-20 3/8 | 2    |
| 121-M8    | Sealant                   | 1      | 4134-8D-WH | Hose connector 7/8-20 1/2 | 2    |
| 1492-6S   | DOT air brake splicer 3/8 | 1      | TK-1       | Thumb knife               | 1    |
| 1492-8S   | DOT air brake splicer 1/2 | 1      | ABFR-BOX-1 |                           | 1    |
| 1492SW-6  | DOT swivel coupler 3/8    | 1      |            |                           |      |



### Kit Dimensions

Height: 12.0 In.

Width: 14.5 In.

Depth: 2.375 In.



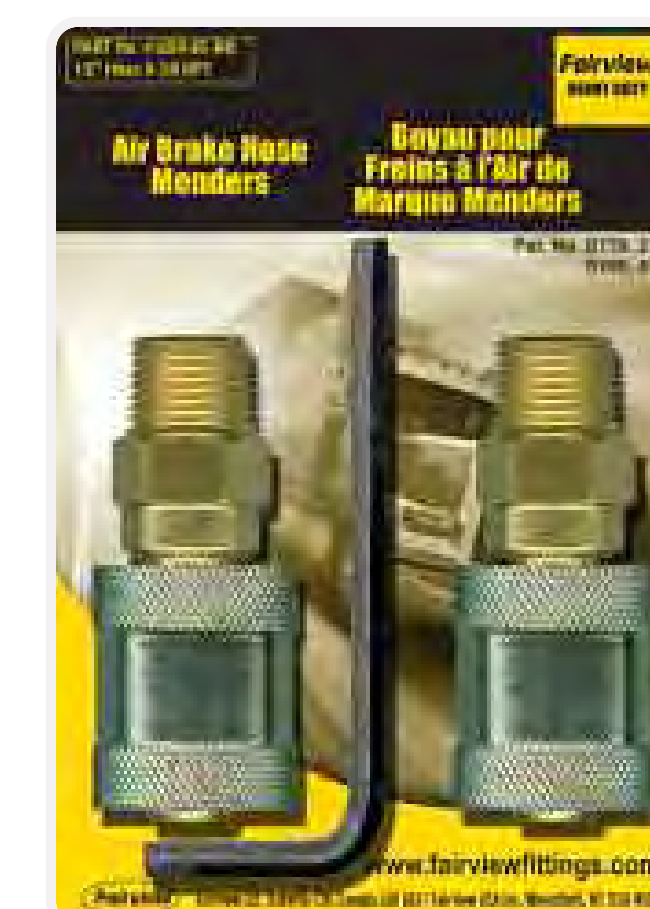
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## AIR BRAKE HOSE MENDERS & QUICK SERVICE KITS

### Fairview's Patented Hose Mender Repair Kit

Designed for use with **Type A, AI & AII SAE J1402 Air Brake Hose** this kit includes two hose couplers and an Allen Wrench to make fast air brake hose repairs anywhere. **Complete with assembly instructions.**

| PART No.                        | Description        | Swivel Pipe | Hose | Min. Hose O.D. |
|---------------------------------|--------------------|-------------|------|----------------|
| 4120R-6C-RK                     | Carded Repair Kit  | 3/8         | 3/8  | .750           |
| 4120R-6D-RK                     | Carded Repair Kit  | 1/2         | 3/8  | .750           |
| 4120R-8C-RK                     | Carded Repair Kit  | 3/8         | 1/2  | .875           |
| <b>(MALE TO FEMALE COUPLER)</b> |                    |             |      |                |
| 4129R-6-RK-BAG                  | Bagged Splicer Kit | 3/8         | 3/8  | .750           |
| 4129R-8-RK-BAG                  | Bagged Splicer Kit | 1/2         | 1/2  | .875           |



Patent  
D759,216 D760,876

### Fairview's Quick Service Repair Kit

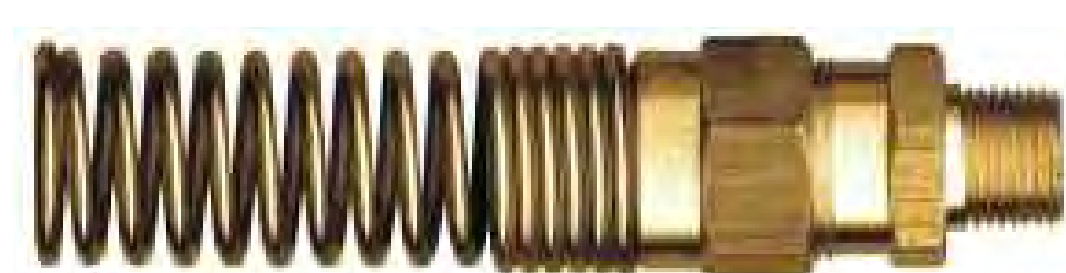
Allows you to repair or custom build hose assemble(s) to your customer's needs, in minutes.

| PART No.            | Qty.   | Size          | Kit Includes: Description              |
|---------------------|--------|---------------|----------------------------------------|
| HABR-KIT-6 3/8 I.D. | 20     | 3/8 X 3/8 NPT | Hose Menders (10 Sets of 4120R-6C-RK)  |
|                     | 10     | 3/8 X 1/2 NPT | Hose Menders (5 Sets of 4120R-6D-RK)   |
|                     | 50 Ft. | 3/8" I.D.     | Air Brake Hose (In A Dispenser Carton) |
| HABR-KIT-8 1/2 I.D. | 20     | 1/2 X 3/8 NPT | Hose Menders (10 Sets of 4120R-8C-RK)  |
|                     | 50 Ft. | 1/2" I.D.     | Air Brake Hose (In A Dispenser Carton) |



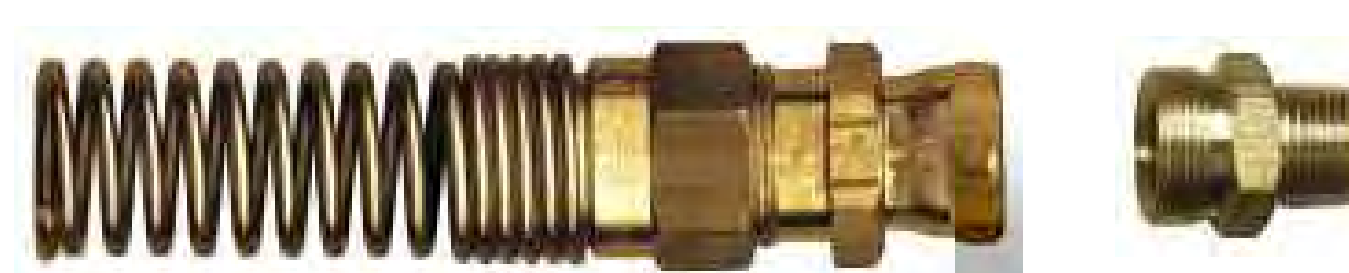
Allen wrench supplied with each kit.

## BRASS D.O.T. AIR BRAKE HOSE COUPLINGS



**COUPLER ASSEMBLY WITH SPRING GUARD**  
(NUT, SLEEVE, COUPLER AND SPRING)

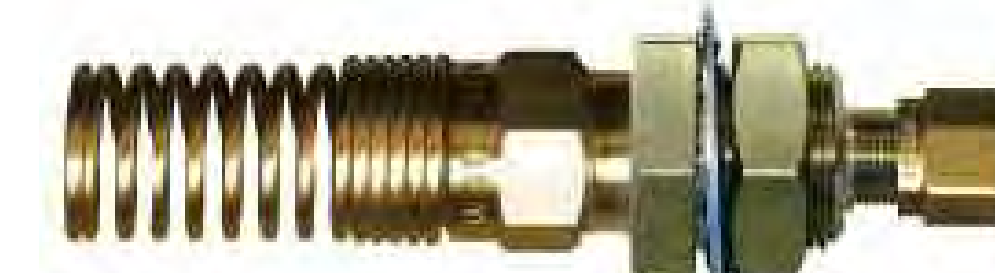
| PART No. | For Hose I.D. | Pipe |
|----------|---------------|------|
| 1493-6B  | 3/8           | 1/4  |
| 1493-6C  | 3/8           | 3/8  |
| 1493-6D  | 3/8           | 1/2  |
| 1493-8C  | 1/2           | 3/8  |
| 1493-8D  | 1/2           | 1/2  |



**SWIVEL COUPLER ASSEMBLY WITH SPRING GUARD**  
(NUT, SLEEVE, COUPLER AND SPRING)

| PART No.    | For Hose I.D. | Pipe |
|-------------|---------------|------|
| 1493SW-6    | 3/8           |      |
| 1493SW-8    | 1/2           |      |
| 1493SW-6B * | 3/8           | 1/4  |
| 1493SW-6C * | 3/8           | 3/8  |
| 1493SW-8C * | 1/2           | 3/8  |

\* Complete with 4134 series adapter.



For Nylon



For Copper

### TERMINAL BOLT (STEEL)

| PART No.  | For Nylon Tube O.D. | For Hose I.D. |
|-----------|---------------------|---------------|
| 1499N-6 * | 3/8                 | 3/8           |

\* Complete with 1461 series nut.

| PART No. | For Copper Tube O.D. | For Hose I.D. |
|----------|----------------------|---------------|
| 1499-6   | 3/8                  | 3/8           |





# BRASS D.O.T. AIR BRAKE HOSE COUPLINGS AND TERMINAL BOLTS

A



### SLEEVE

| PART No. | For Hose I.D. |
|----------|---------------|
| 1490-6   | 3/8           |
| 1490-8   | 1/2           |



### NUT

| PART No. | For Hose I.D. |
|----------|---------------|
| 1491-6   | 3/8           |
| 1491-8   | 1/2           |



### COUPLER ASSEMBLY (NUT, SLEEVE AND COUPLER)

| PART No. | For Hose I.D. | Pipe |
|----------|---------------|------|
| 1492-6B  | 3/8           | 1/4  |
| 1492-6C  | 3/8           | 3/8  |
| 1492-6D  | 3/8           | 1/2  |
| 1492-8C  | 1/2           | 3/8  |
| 1492-8D  | 1/2           | 1/2  |



### SWIVEL COUPLER ASSEMBLY (NUT, SLEEVE AND COUPLER)

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| 1492SW-6    | 3/8       | --   |
| 1492SW-8    | 1/2       | --   |
| 1492SW-6B * | 3/8       | 1/4  |
| 1492SW-6C * | 3/8       | 3/8  |
| 1492SW-6D * | 3/8       | 1/2  |
| 1492SW-8C * | 1/2       | 3/8  |

\* Complete with 4134 series adapter.



### HOSE CONNECTOR FOR HAB ASSEMBLIES

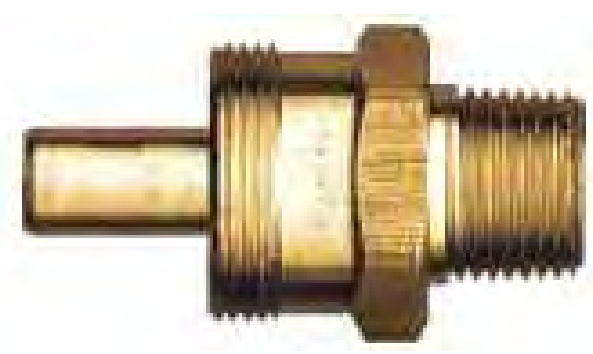
| PART No.   | Straight Thread | Pipe |
|------------|-----------------|------|
| 4134-6B    | 3/4-20          | 1/4  |
| 4134-6C    | 3/4-20          | 3/8  |
| 4134-6D    | 3/4-20          | 1/2  |
| 4134-8C    | 3/4-20          | 3/8  |
| 4134-8D    | 3/4-20          | 1/2  |
| 4134-8C-WH | 7/8-20          | 3/8  |
| 4134-8D-WH | 7/8-20          | 1/2  |

USED WITH HAB ASSEMBLIES.



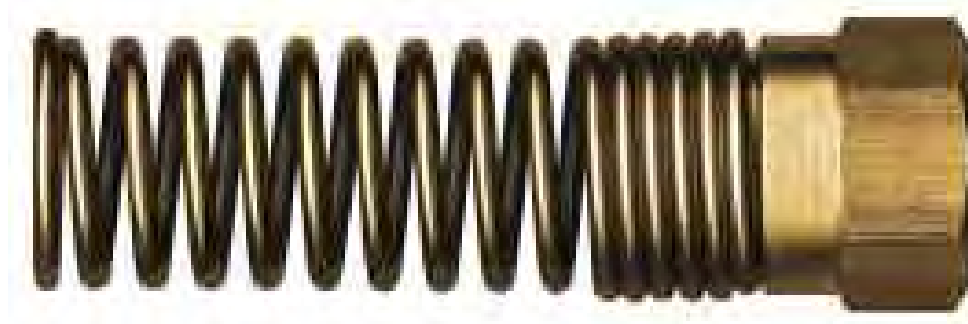
### HOSE SPLICER

| PART No. | For Hose I.D. |
|----------|---------------|
| 1492-6S  | 3/8           |
| 1492-8S  | 1/2           |



### COUPLER

| PART No. | For Hose I.D. | Pipe |
|----------|---------------|------|
| B1492-6B | 3/8           | 1/4  |
| B1492-6C | 3/8           | 3/8  |
| B1492-6D | 3/8           | 1/2  |
| B1492-8C | 1/2           | 3/8  |
| B1492-8D | 1/2           | 1/2  |



### NUT WITH SPRING HOSE GUARD

| PART No. | For Hose I.D. |
|----------|---------------|
| 1494-6   | 3/8           |
| 1494-8   | 1/2           |



### TERMINAL BOLT (STEEL)

| PART No. | Female Pipe | Length (IN.) |
|----------|-------------|--------------|
| 1495-C   | 3/8 X 3/8   | 1-3/8        |
| 1495-L   | 1/4 X 1/4   | 1-1/2        |
| 1495-S   | 1/4 X 1/4   | 31/32        |



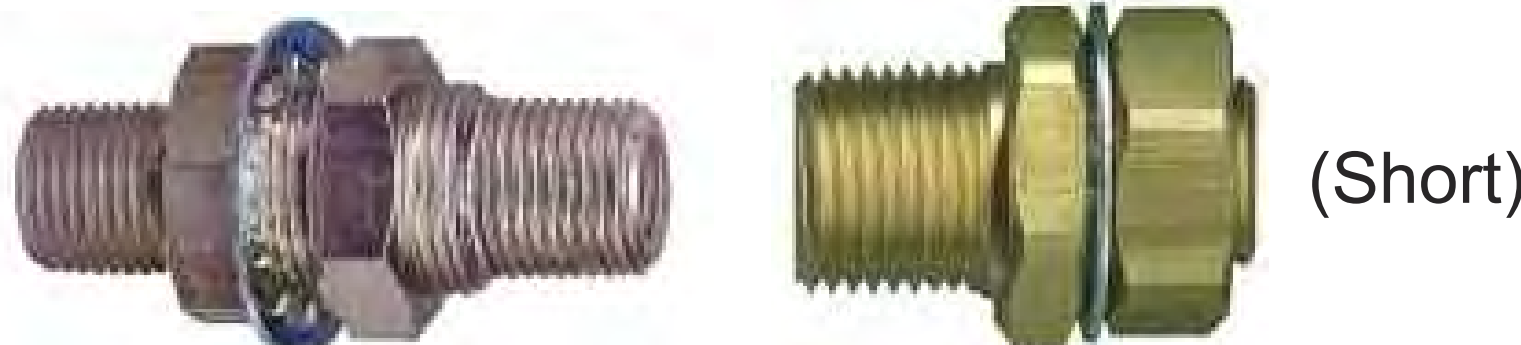
### TERMINAL BOLT (BRASS)

| PART No. | Female Pipe | Length (IN.) |
|----------|-------------|--------------|
| 1495B-A  | 1/8 X 1/8   | 1-1/2        |
| 1495B-C  | 3/8 X 3/8   | 1-1/4        |
| 1495B-D  | 1/2 X 1/2   | 1-1/2        |
| 1495B-L  | 1/4 X 1/4   | 1-1/2        |
| 1495B-S  | 1/4 X 1/4   | 31/32        |



### TERMINAL BOLT (STEEL)

| PART No. | Pipe        | Length (IN.) |
|----------|-------------|--------------|
| 1496-DC  | 1/2M X 3/8F | 2            |



### TERMINAL BOLT

| PART No. | Pipe        | Material | Length (IN.) |
|----------|-------------|----------|--------------|
| 1497-DB  | 1/2M X 1/4F | Steel    | 2-3/4        |
| 1497-DBS | 1/2M X 1/4F | Brass    | 1-5/8        |



### BULKHEAD ADAPTER (BRASS)

| PART No. | For Nylon Tube O.D. | Female Pipe |
|----------|---------------------|-------------|
| 1495N-4B | 1/4                 | 1/4         |
| 1495N-4C | 1/4                 | 3/8         |
| 1495N-6B | 3/8                 | 1/4         |
| 1495N-6C | 3/8                 | 3/8         |
| 1495N-6D | 3/8                 | 1/2         |
| 1495N-8C | 1/2                 | 3/8         |
| 1495N-8D | 1/2                 | 1/2         |



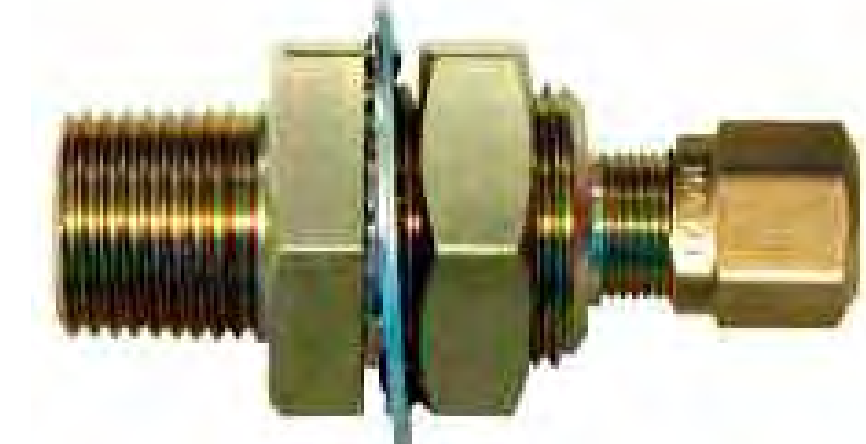
### PUSH-TO CONNECT BULKHEAD ADAPTER (STEEL-BRASS)

| PART No.   | For Nylon Tube O.D. | Female Pipe |
|------------|---------------------|-------------|
| PC1495S-6D | 3/8                 | 1/2         |

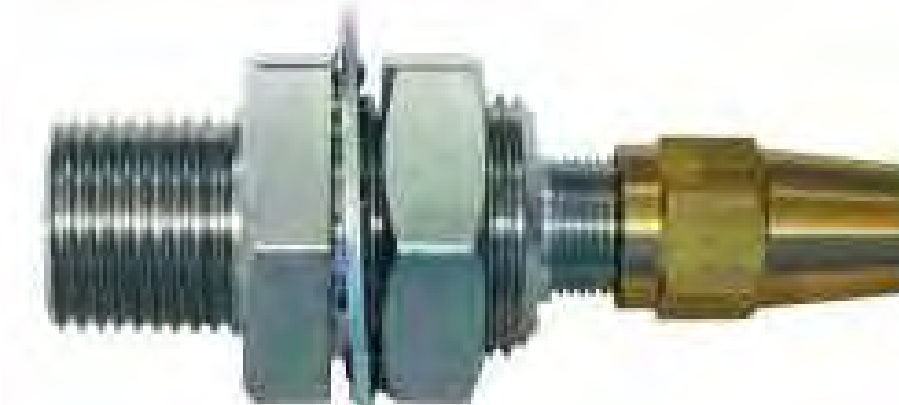


### PUSH-TO-CONNECT TERMINAL BOLT (STEEL-BRASS)

| PART No.   | For Nylon Tube O.D. | Pipe | Length (IN.) |
|------------|---------------------|------|--------------|
| PC1483S-6D | 3/8                 | 1/2M | 2            |
| PC1483S-8D | 1/2                 | 1/2M | 2            |



For Nylon



For Copper

### TERMINAL BOLT (STEEL)

| PART No. | For Nylon Tube O.D. | Pipe        | Length (IN.) |
|----------|---------------------|-------------|--------------|
| 1498N-6D | 3/8                 | 1/2M X 1/4F | 2-5/8        |

(Complete with 1461 series BRASS nut.)

| PART No. | For Copper Tube O.D. | Pipe        | Length (IN.) |
|----------|----------------------|-------------|--------------|
| 1498-6D  | 3/8                  | 1/2M X 1/4F | 3-1/4        |

(Complete with 1161 series BRASS nut & sleeve.)



A



**SWIVEL CONNECTOR**  
Hose Barb  
To  
Female Hose

HEX NUT (201-H)

| PART No. | Hose I.D. |
|----------|-----------|
| 195-6    | 3/8       |
| 195-8    | 1/2       |
| 195-10   | 5/8       |
| 195-12   | 3/4       |
| 195-16 * | 1         |

\* 1" NPS - 11-1/2 T.P.I.



**CONNECTOR**  
Hose Barb  
To  
Male Hose

| PART No. | Hose I.D. |
|----------|-----------|
| 193-6    | 3/8       |
| 193-8    | 1/2       |
| 193-10   | 5/8       |
| 193-12   | 3/4       |
| 193-16 * | 1         |

\* 1" NPS - 11-1/2 T.P.I.



(FLAT STYLE)  
**GHW**



(FLAT STYLE)  
**GHW-EPDM**



(FLAT STYLE)  
**GHW-S**

| PART No. | Description                     |
|----------|---------------------------------|
| GHW      | GARDEN HOSE WASHER              |
| GHW-EPDM | EPDM WASHER                     |
| GHW-S    | STAINLESS STEEL SCREENED WASHER |



**200-W**



**201-H**

| PART No. | Description     |
|----------|-----------------|
| 200-W    | KNURLED CAP NUT |
| 201-H    | OPEN HEX NUT    |



**WATER PLUG**

PART No.  
206-WP (Square Head Plug)



**HEX-KNURL CAP NUT**

PART No.  
200-HKC (With Chain)



**SWIVEL COUPLING**  
Female Hose  
Both Ends

PART No.  
203-W Water Thread



**SWIVEL COUPLING**  
Female Hose  
To  
Female Pipe

| PART No.  | Pipe |
|-----------|------|
| 199S-D    | 1/2  |
| 199S-E    | 3/4  |
| LF-199S-D | 1/2  |

Lead Free

LF-199S-D



**SWIVEL CONNECTOR**  
Female Hose  
To  
Male Pipe

| PART No. | Pipe |
|----------|------|
| 194-B    | 1/4  |
| 194-C    | 3/8  |
| 194-D    | 1/2  |



**FAIRVIEW RETAIL**  
**CARDED STOCK**  
**AVAILABLE ON**  
**SELECTED ITEMS**



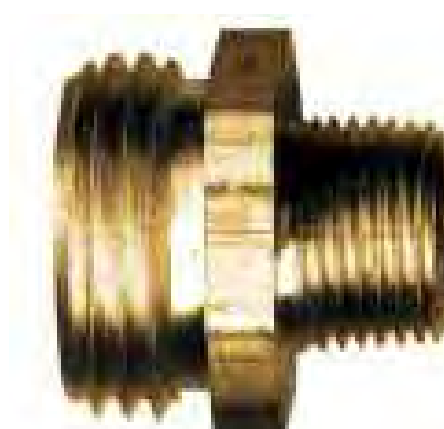
**Female Hose To Male Pipe**

| PART No. | Pipe |
|----------|------|
| 199-D    | 1/2  |
| 199-E    | 3/4  |



**COUPLING**  
Male Hose  
To  
Female Pipe

| PART No. | Pipe |
|----------|------|
| 197-B    | 1/4  |
| 197-C    | 3/8  |
| 197-D    | 1/2  |
| 197-E    | 3/4  |



**COUPLING**  
Male Hose  
To  
Male Pipe

| PART No. | Pipe |
|----------|------|
| 196-C    | 3/8  |
| 196-D    | 1/2  |
| 196-E    | 3/4  |
| LF-196-E | 3/4  |

Lead Free

LF-196-E



**COUPLING**  
Male Hose  
To  
Male Hose

| PART No. | Description            |
|----------|------------------------|
| 196-W    | MALE HOSE TO MALE HOSE |



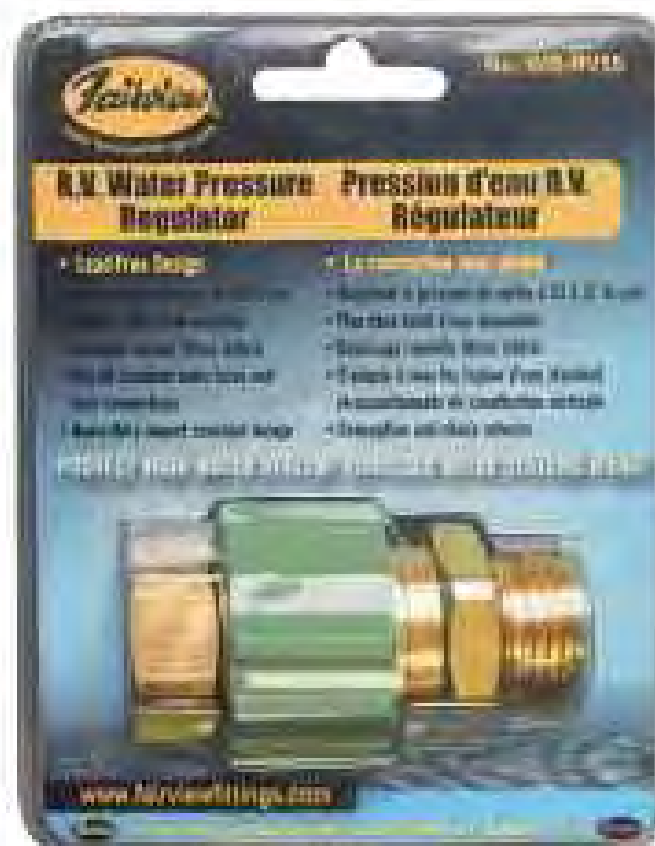
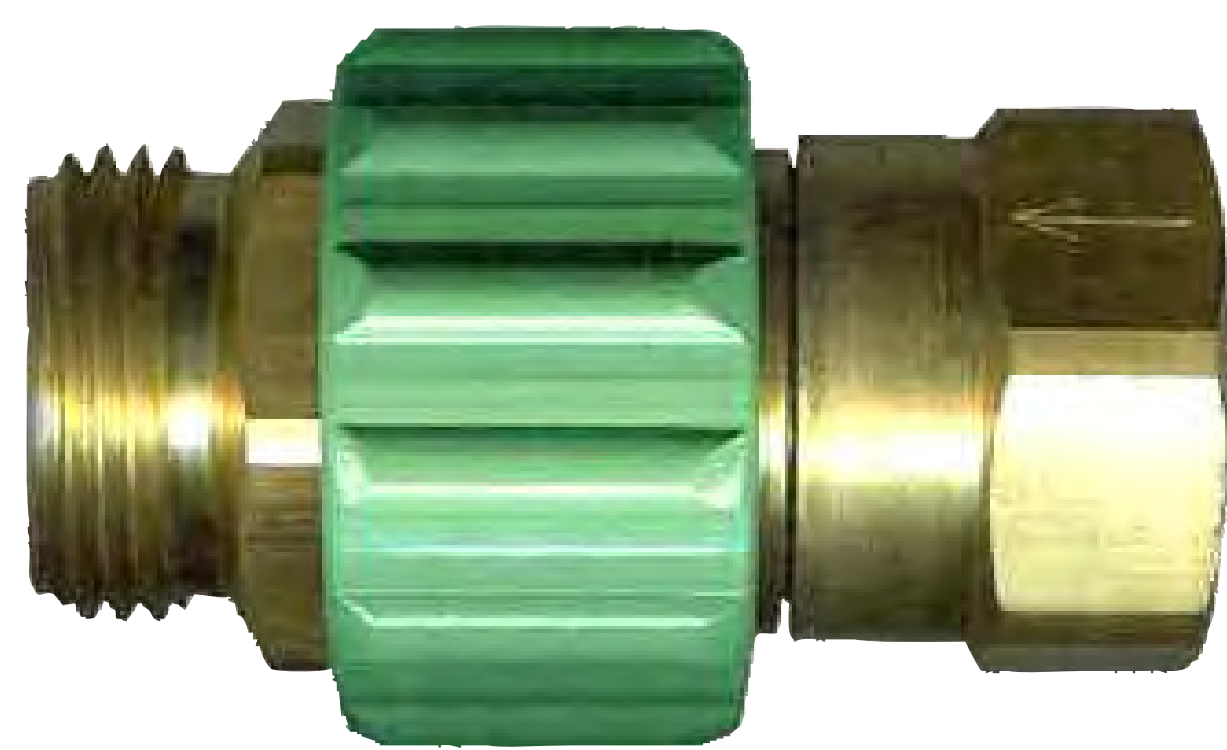
**COUPLING**  
Female Hose  
To  
Female Pipe

| PART No. | Pipe |
|----------|------|
| 198-D    | 1/2  |
| 198-E    | 3/4  |



A

**R.V. WATER REGULATOR**



- Lead-Free Design
- Keeps outlet pressure at 55 psi
- Highest water flow available
- Screened washer filters debris
- Fits all standard water hose and riser connections
- Heavy-Duty impact resistant design

**PART No.** WR-RV55  
**Description** FEMALE WATER HOSE TO MALE WATER HOSE REGULATOR

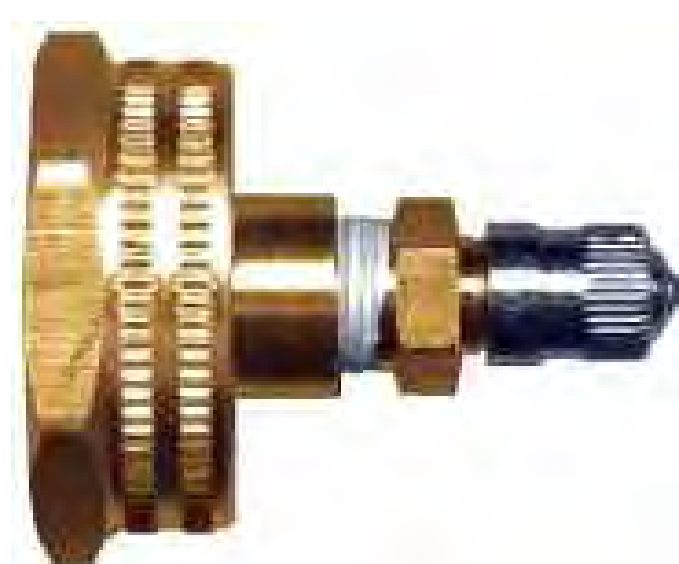
**DISHWASHER INLET WATER CONNECTION**



INCLUDES EPDM WASHER. COMPRESSION NUT & SLEEVE

| PART No. | DESCRIPTION                                           |
|----------|-------------------------------------------------------|
| DWF-6    | Female Water Hose X 3/8 Compression                   |
| DWF-6P   | Female Water Hose X 3/8 Compression (Retail Packaged) |

**BRASS WATER HOSE (GARDEN HOSE) ACCESSORIES**



**WATER LINE AIR DRAIN VALVE**

**PART No.** 204  
**Description** HEX KNURLED CAP NUT TO AIR VALVE  
 Ideally suited for Recreational Vehicle winter prep.



**Y COUPLINGS Male Hose To Female Hose**

**PART No.** 202-WV (Valved), 202-W (Plain)



**Style** VALVED, PLAIN



**STRAIGHT COUPLING Male Hose To Female Hose**

**PART No.** 199-WV  
**Style** VALVED

**PRESSURE WASH HOSE ADAPTERS**



**PART No.** QD-KARCHER-6F, QD-KARCHER-6M



**Pipe Size** 3/8 FPT X M22 X 1.5, 3/8 NPT X M22 X 1.5



**PART No.** QD-KARN-6F, QD-KARN-6M



**Pipe Size** 3/8 FPT X M22 X 1.5, 3/8 NPT X M22 X 1.5



**PART No.** B1120-CC-3000  
**Pipe Size** 3/8 MPT X 3/8 FPT Swivel

• USED TO ADAPT STANDARD PRESSURE WASH HOSES TO KARCHER STYLE EQUIPMENT • ABOVE PRESSURE WASH COUPLINGS COME WITH EPR O-RING GOOD FOR HOT WATER UP TO 200°F • PRESSURE RATING: 4000 PSI

3000 PSI brass swivel: designed for use with pressure wash assemblies.

**BRASS WATER HOSE (GARDEN HOSE) QUICK DISCONNECTS**



**PART No.** QD-WHCF  
**DESCRIPTION** Quick Disconnect Coupler X Water Hose Thread

**PART No.** QD-WHVCF  
**DESCRIPTION** Valved QD Coupler X Water Hose Thread



**PART No.** QD-WHNM  
**DESCRIPTION** Quick Disconnect Nipple X Water Hose Thread

• TO BE USED WITH DOMESTIC (CITY) WATER SUPPLY • WATER NOZZLES SEE PAGE 256





### CONNECTOR INVERTED FLARE TO MALE PIPE



| PART No.    | Inverted Flare | Pipe |
|-------------|----------------|------|
| 148-4B      | 1/4            | 1/4  |
| 148CV-4B    | 1/4 With Check | 1/4  |
| BB-148CV-4B | 1/4 With Check | 1/4  |

Blister Boxed  
(Packaged X 2)



### CYLINDER PRIMUS BY PROPANE THREAD

| PART No. | Cylinder Thread    | Propane Thread |
|----------|--------------------|----------------|
| 1985     | 1"-20              | 9/16-18 LH     |
| 1985P    | Bag Packaged       |                |
| 2093     | 1"-20 (With Check) | 9/16-18 LH     |



### CYLINDER PRIMUS BY S.A.E. FLARE

| PART No. | Cylinder Thread    | Tube |
|----------|--------------------|------|
| 2091     | 1"-20 (With Check) | 3/8  |



### CYLINDER PRIMUS BY FEMALE PIPE

| PART No. | Cylinder Thread | Pipe |
|----------|-----------------|------|
| 2092     | 1"-20           | 1/4  |



### CYLINDER PRIMUS BY MALE PIPE

| PART No. | Cylinder Thread    | Pipe |
|----------|--------------------|------|
| 2096     | 1"-20 (with check) | 1/4  |



### VALVED CYLINDER ADAPTER

| PART No. | Cylinder Thread         | Male Pipe |
|----------|-------------------------|-----------|
| 2098     | 1"-20 Solid             | 1/4       |
| BB-2098  | 1"-20 Blister Boxed     | 1/4       |
| 2098SW   | 1"-20 Swivel With Check | 1/4       |



### VALVED CYLINDER SWIVEL ADAPTER

| PART No.  | Cylinder Thread     | Male Pipe |
|-----------|---------------------|-----------|
| 2098SW    | 1"-20 With Check    | 1/4       |
| BB-2098SW | 1"-20 Blister Boxed | 1/4       |



### RESERVE CYLINDER ADAPTER



| PART No. | Cylinder Thread | P.O.L. Female |
|----------|-----------------|---------------|
| 2097     | F. 1"-20        | Female        |
| BB-2097  | Blister Boxed   |               |



### PROPANE MOTOR FUEL FILL ADAPTER

| PART No. | Female P.O.L. X   |
|----------|-------------------|
| 2017     | 1-3/4 ACME THREAD |

ALLOWS A STANDARD P.O.L. FITTING TO BE ADAPTED TO FILL AN ENGINE FUEL TANK.



### ONE PIECE LAST CHANCE CYLINDER ADAPTER

| PART No. | Cylinder Thread | QCC1 Male |
|----------|-----------------|-----------|
| 2080     | F. 1"-20        | Male      |
| BB-2080  | Blister Boxed   |           |



### TWO PIECE LAST CHANCE CYLINDER ADAPTER

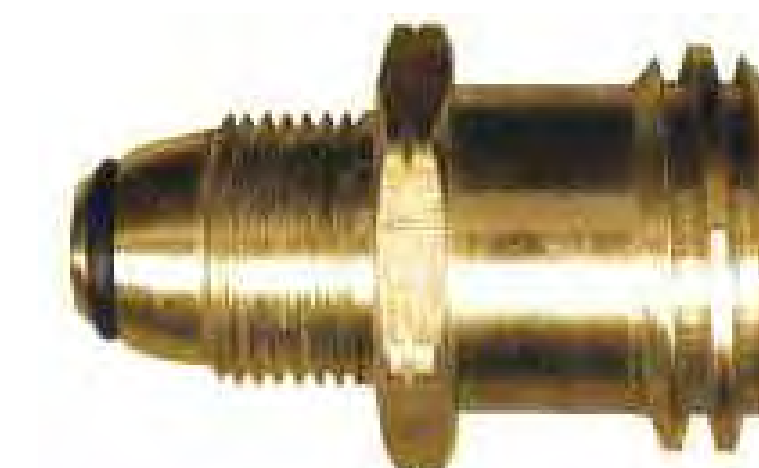


| PART No. | Cylinder Thread | QCC1 Male |
|----------|-----------------|-----------|
| 2491     | F. 1"-20        | Male      |
| BB-2491  | Blister Boxed   |           |



### CYLINDER ADAPTER

| PART No. | Thread  | QCC1 Male |
|----------|---------|-----------|
| 2399     | 1/4 NPT | Male      |



### P.O.L. TO QCC1 ADAPTER



| PART No. | QCC1 Male     | P.O.L. Male |
|----------|---------------|-------------|
| 2087     | Male          | Male        |
| BB-2087  | Blister Boxed |             |



### P.O.L. TO CYLINDER PRIMUS ADAPTER (With Handwheel)

| PART No. | Cylinder Thread | P.O.L. Male |
|----------|-----------------|-------------|
| 2095     | 1"-20           | Male        |
| BB-2095  | Blister Boxed   |             |



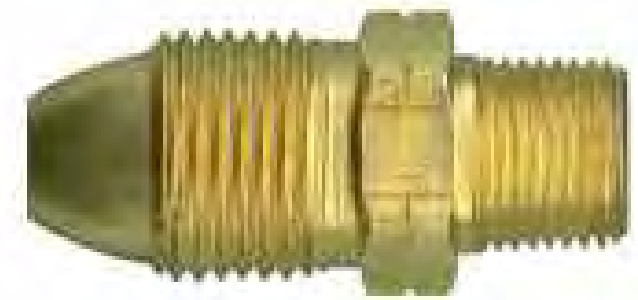
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**TAILPIECE ASSEMBLY WITH HEX HEAD (Nut & Stem)**

**HARD NOSE (NO O-RING)**

| PART No.  | Thread  | O.A.L. |
|-----------|---------|--------|
| 2002-H-HN | 1/4 NPT | 2"     |



**TAILPIECE COUPLING (SOLID)**

**HARD NOSE (NO O-RING)**

| PART No. | Thread  | O.A.L. |
|----------|---------|--------|
| 2014-D   | 1/2 NPT | 2"     |



**RESTRICTED FLOW TAILPIECE ASSEMBLY**

**WITH O-RING**

| PART No.     | Thread  | O.A.L. |
|--------------|---------|--------|
| 2003-T-GH-60 | 1/4 NPT | 2"     |

(#60 ORIFICE HOLE WITH O-Ring HEX-HEAD)



**COUPLING P.O.L. BY S.A.E. FLARE**

**WITH O-RING**

| PART No. | Tube   |
|----------|--------|
| 2005-6   | 3/8    |
| C-2005-6 | Carded |
| 2005-8   | 1/2    |



**TAILPIECE ASSEMBLY**

**WITH O-RING**

| PART No. | Thread  | O.A.L. |
|----------|---------|--------|
| 2002     | 1/4 NPT | 2-1/2" |



**TAILPIECE ASSEMBLY With Handwheel**

**WITH O-RING**

| PART No. | Thread  | O.A.L. |
|----------|---------|--------|
| 2002-HW  | 1/4 NPT | 2-1/2" |

O.A.L. - OVERALL LENGTH IN INCHES



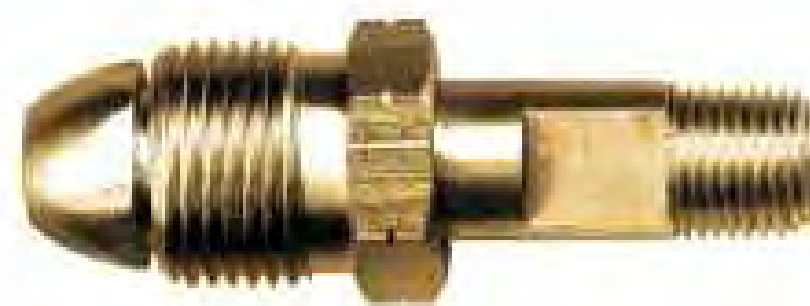
**EXCESS FLOW TAILPIECE ASSEMBLY**



**WITH O-RING**

| PART No. | Thread  | O.A.L. |
|----------|---------|--------|
| 2003-T   | 1/4 NPT | 2-3/8" |

BB-2003-T Blister Boxed



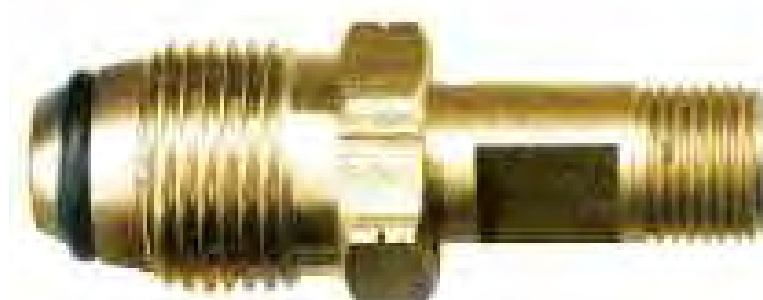
**HIGH FLOW TAILPIECE ASSEMBLY**



**1.9 G.P.M. HARD NOSE (NO O-RING)**

| PART No.     | Thread  | O.A.L. |
|--------------|---------|--------|
| 2003-T-HN-HF | 1/4 NPT | 2-3/8" |

BB-2003-T-HN-HF Blister Boxed



**TAILPIECE ASSEMBLY**

**WITH O-RING**

| PART No. | Thread       | O.A.L. |
|----------|--------------|--------|
| 2018-L   | 9/16-18 L.H. | 2-1/2" |



**EXCESS FLOW TAILPIECE ASSEMBLY**



**WITH O-RING**

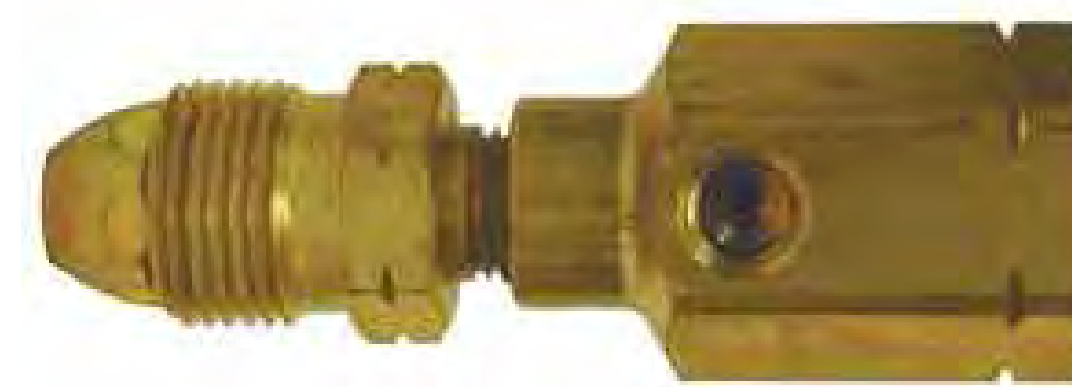
| PART No. | Thread       | O.A.L. |
|----------|--------------|--------|
| 2019-L   | 9/16-18 L.H. | 2-3/8" |



**RIGID TEST PORT ADAPTER**

Rigid POL to POL Connection with #54 / 1/8 FPT Test Port

| PART No. | Thread       | O.A.L. |
|----------|--------------|--------|
| 2020-#54 | 9/16-18 L.H. | 2-1/2" |



**SWIVEL TEST PORT ADAPTER**

Swivel POL to POL Connection with #54 / 1/8 FPT Test Port

| PART No. | Thread       | O.A.L. |
|----------|--------------|--------|
| 2026-#54 | 9/16-18 L.H. | 3-5/8" |



**COUPLING P.O.L. BY Female PIPE**

| PART No. | Pipe   |
|----------|--------|
| 2008-B   | 1/4    |
| C-2008-B | Carded |



**COUPLING Female P.O.L. BY MALE PIPE**

| PART No. | Pipe |
|----------|------|
| 2011-B   | 1/4  |
| 2011-D   | 1/2  |
| 2011-E   | 3/4  |



**COUPLING Female P.O.L. BY Female PIPE**

| PART No. | Pipe |
|----------|------|
| 2016-B   | 1/4  |
| 2016-D   | 1/2  |



**P.O.L. NUT**

| PART No. | Hex  | For          |
|----------|------|--------------|
| 2002-A   | 7/8" | 1/8 NPT stem |
| 2002-B   | 7/8" | 1/4 NPT stem |



**P.O.L. CAP NUT**

| PART No. |
|----------|
| 2004     |



# PROPANE GAS FITTINGS & TEES



A



## P.O.L. SEALING PLUG

PART No.  
2010

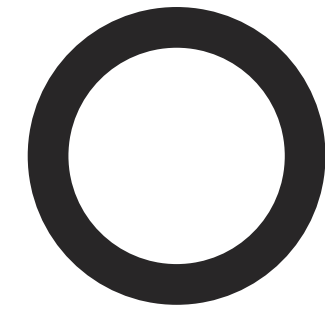
HARD NOSE (NO O-RING)



## PLASTIC POL PLUG (WITH STRAP)

PART No.  
PLUG-POL

C-PLUG-POL  
(Carded)



## P.O.L. O-Ring

PART No.  
OR-POL

C5-OR-POL  
(Carded x 5)



## HAND WHEEL

PART No.  
HW

WILL FIT 2002-B P.O.L. NUT.



## PLASTIC ACME CAP

PART No.  
2081  
C-2081

To Cover  
Thread  
1-5/16 ACME  
Carded

FOR USE WITH QCC1 CYLINDER VALVE

## DUAL TANK MANIFOLD TEE



PART No.  
2000  
BB-2000

Inlets  
1/4 Inv. Flare  
Blister Boxed

Outlet  
1/4 Male Pipe



## QCC1 CONNECTION 1-5/16" Female ACME TAILPIECE ASSEMBLY

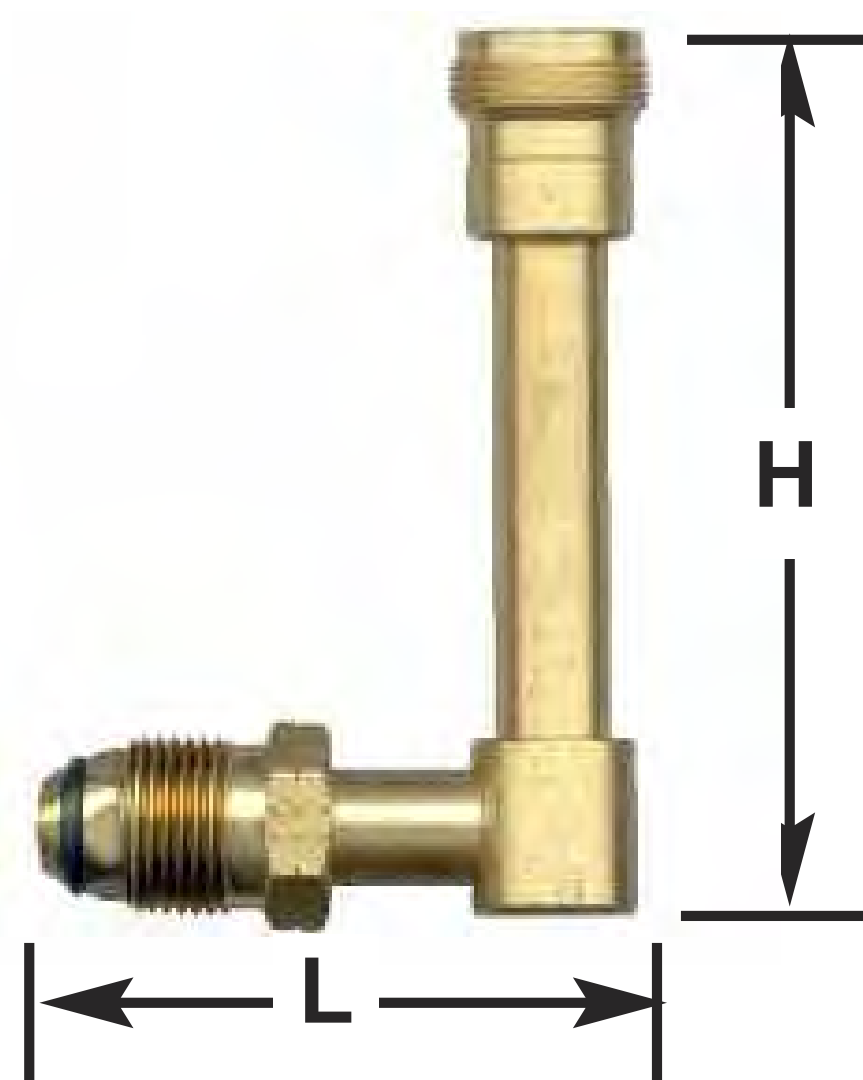


| PART No.      | Thread  | Up to BTU Capacity | Color Code |
|---------------|---------|--------------------|------------|
| GR-1B-100     | 1/4 NPT | 100,000            | Black      |
| BB-GR-1B      | 1/4 NPT | 100,000            | Black      |
| Blister Boxed |         |                    |            |
| GR-1B-200     | 1/4 NPT | 200,000            | Green      |
| GR-1B-400     | 1/4 NPT | 400,000            | Green      |
| BB-GR-1B-500  | 1/4 NPT | 400,000            | Green      |
| Blister Boxed |         |                    |            |



## QCC1 TO CYLINDER PRIMUS ADAPTER

| PART No. | Cylinder Thread | QCC1 |
|----------|-----------------|------|
| 2085     | 1"-20           | Male |
| BB-2085  | Blister Boxed   |      |



## CYLINDER PRIMUS BY O-Ring P.O.L

| PART No. | Cylinder Thread | H      | L  |
|----------|-----------------|--------|----|
| 8815     | 1" - 20         | 4-1/4" | 3" |

SUFFIX PART NUMBER WITH THE LETTER "P" FOR RETAIL SALES PACKAGING.



## CYLINDER THREAD CAPS

| PART No. | Material | Thread  |
|----------|----------|---------|
| 2082     | Plastic  | 1" - 20 |
| 2082B    | Brass    | 1" - 20 |



## MANIFOLD TEE Female P.O.L. All Ends

PART No.  
2001-F

Description  
Female  
P.O.L. (x3)

## MANIFOLD BLOCK TEE For Dual Tank Installations



Female P.O.L. By Male P.O.L.



PART No.  
2001-S  
2001-SX

Description  
With O-RING  
With EXCESS FLOW TAILPIECE  
With Large Nut

2001-SLN

## Compact Forged Pattern

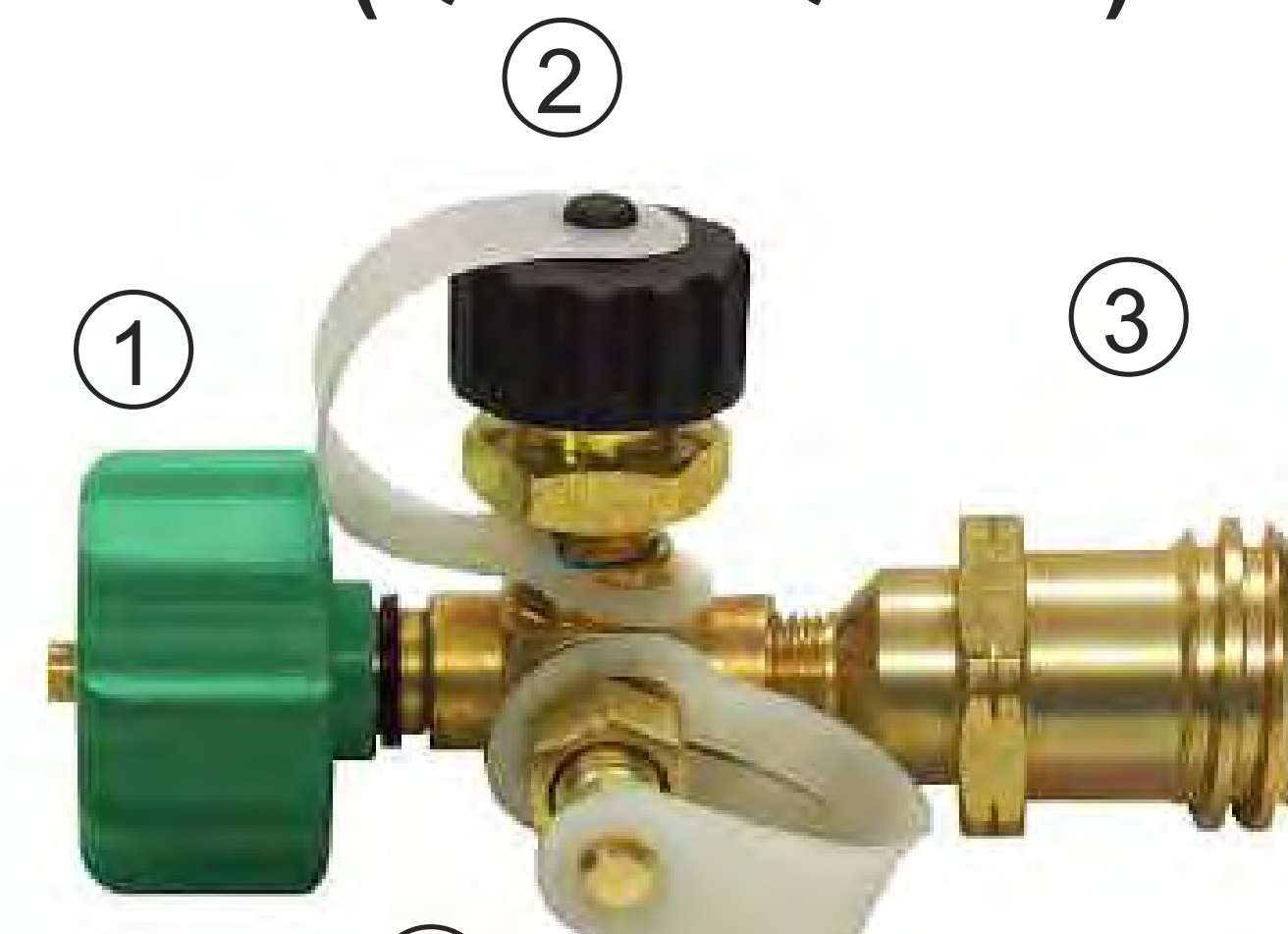


Female P.O.L. By Male P.O.L.  
2-9/16 IN. W  
X 3.1/8 IN. H

PART No.  
2001-SE

Description  
With O-RING

## TAP AND ADD AN APPLIANCE TEE (QCC1 / QCPOL)



PART No.  
2022

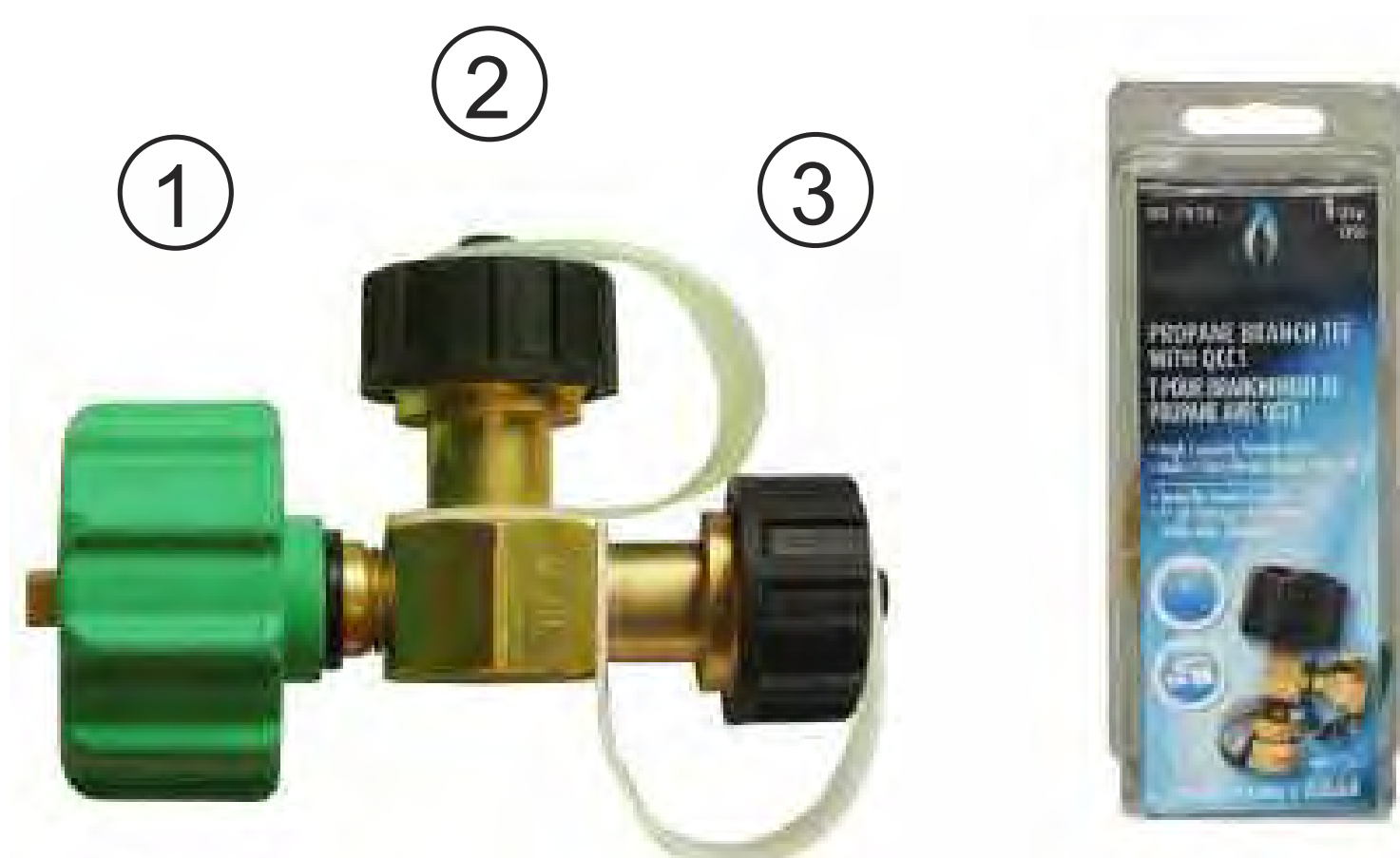
| 1                         | 2                                   | 3         | 4                         |
|---------------------------|-------------------------------------|-----------|---------------------------|
| High Capacity Female QCC1 | Male 1"-20 Cylinder Thread With Cap | Male QCC1 | 1/4" Inv. Flare With Plug |

**WARNING: GAS LANTERNS ARE NOT TO BE USED IN CONJUNCTION WITH QCC1 CONNECTIONS.**



A

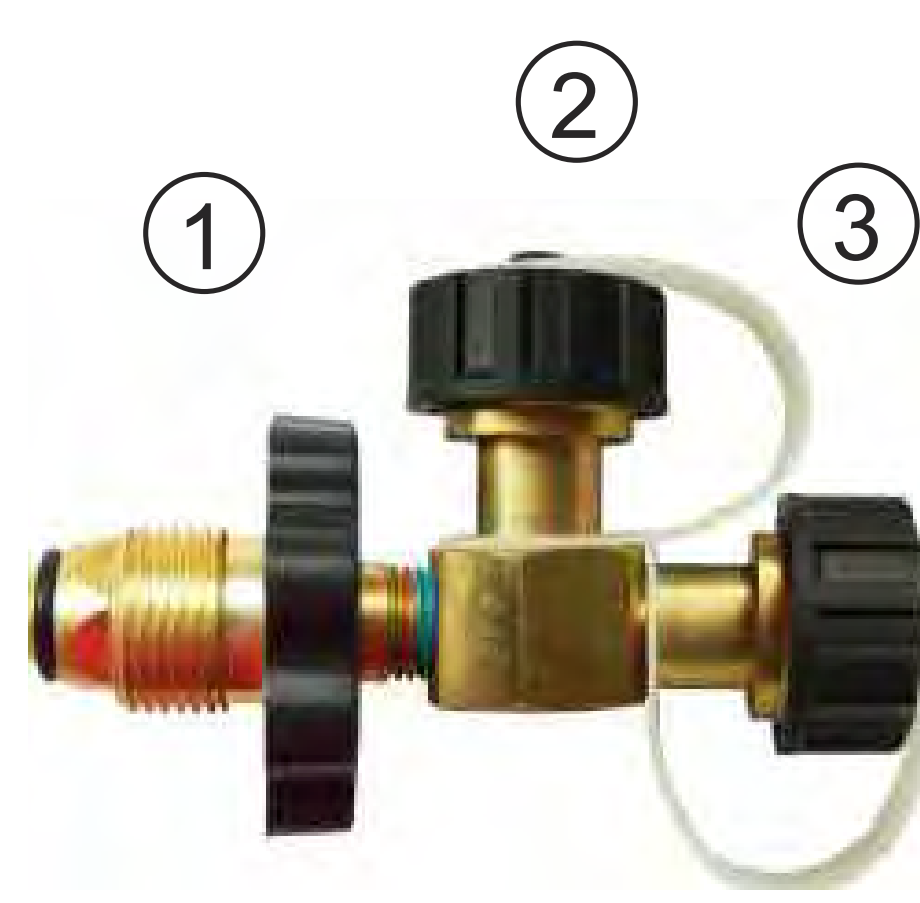
## DUAL APPLIANCE TEE (With QCC1)



**PART No.** 2015  
**1** High Capacity Female QCC1  
**2 & 3** Male 1"-20 Cylinder Thread With Cap

BB-2015 Blister Boxed

## DUAL APPLIANCE TEE (With POL Handwheel)



**PART No.** 2099  
**1** Male P.O.L.  
**2 & 3** Male 1"-20 Cylinder Thread With Cap

BB-2099 Blister Boxed

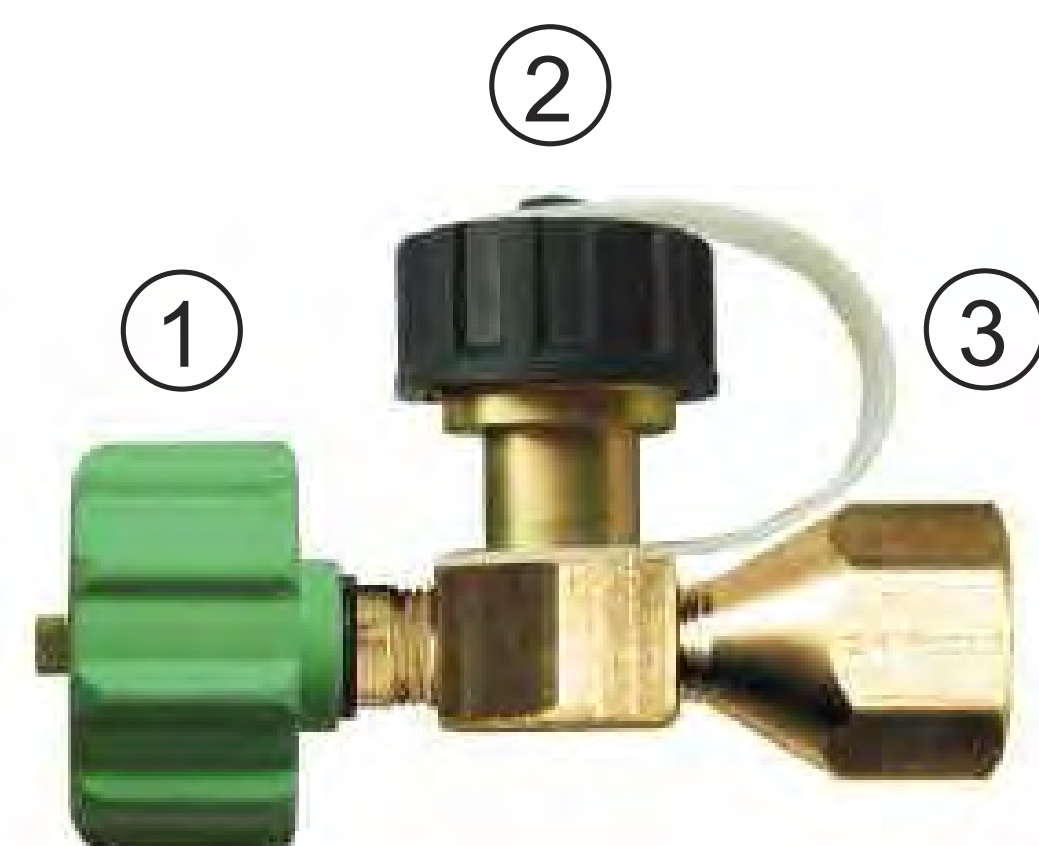
## DUAL APPLIANCE TEE (With Cylinder Thread)



**PART No.** 2094  
**1** Female Cylinder Thread  
**2 & 3** Male 1"-20 Cylinder Thread With Cap

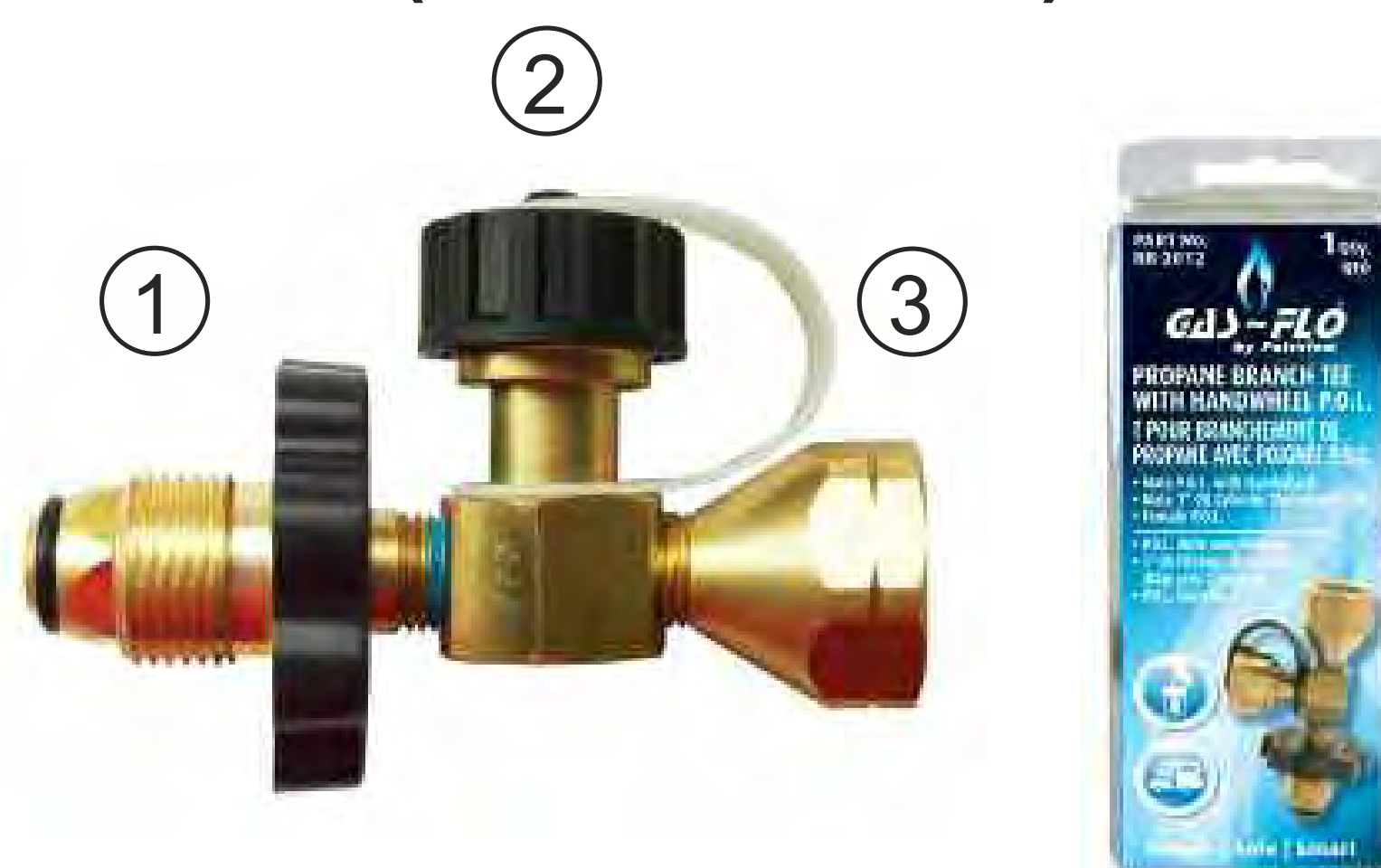
BB-2094 Blister Boxed

## ADD AN APPLIANCE TEE (With QCC1 / POL)



**PART No.** 2013  
**1** High Capacity Female QCC1  
**2** Male 1"-20 Cylinder Thread With Cap  
**3** Female P.O.L.

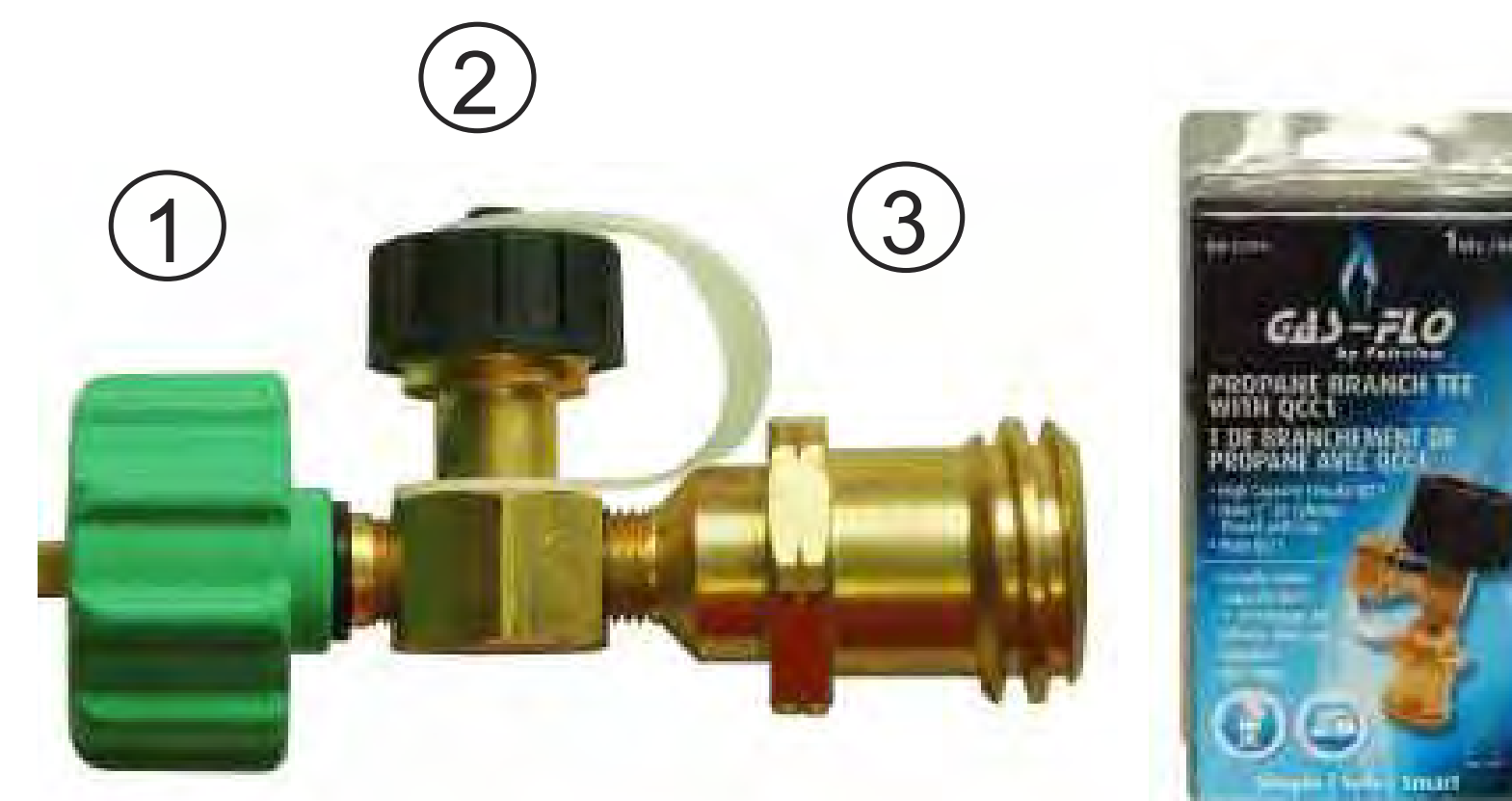
## ADD AN APPLIANCE TEE (POLHW / POL)



**PART No.** 2012  
**1** Male P.O.L.  
**2** Male 1"-20 Cylinder Thread With Cap  
**3** Female P.O.L.

BB-2012 Blister Boxed

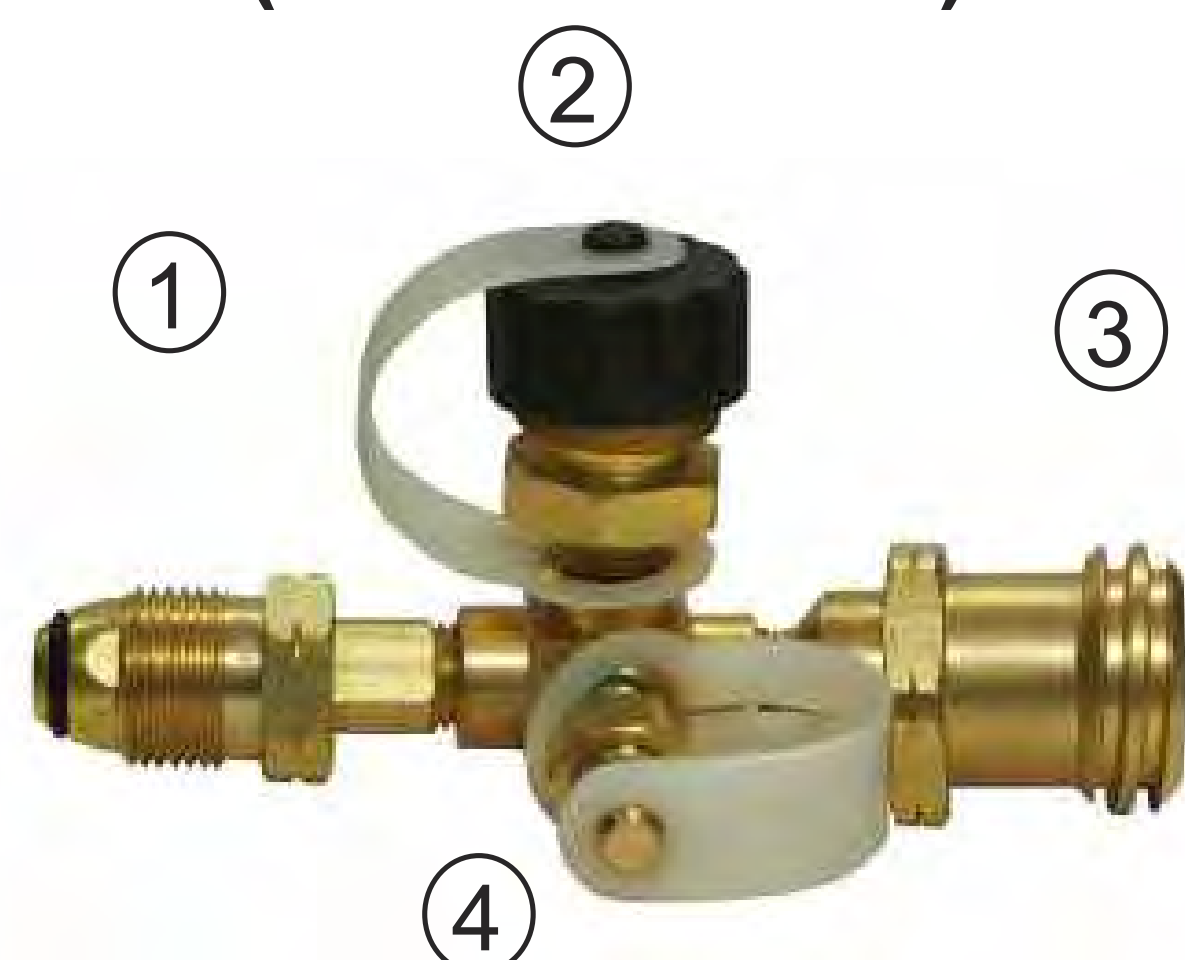
## ADD AN APPLIANCE TEE (QCC1 / QCPOL)



**PART No.** 2499  
**1** High Capacity Female QCC1  
**2** Male 1"-20 Cylinder Thread With Cap  
**3** Male QCC1 / POL

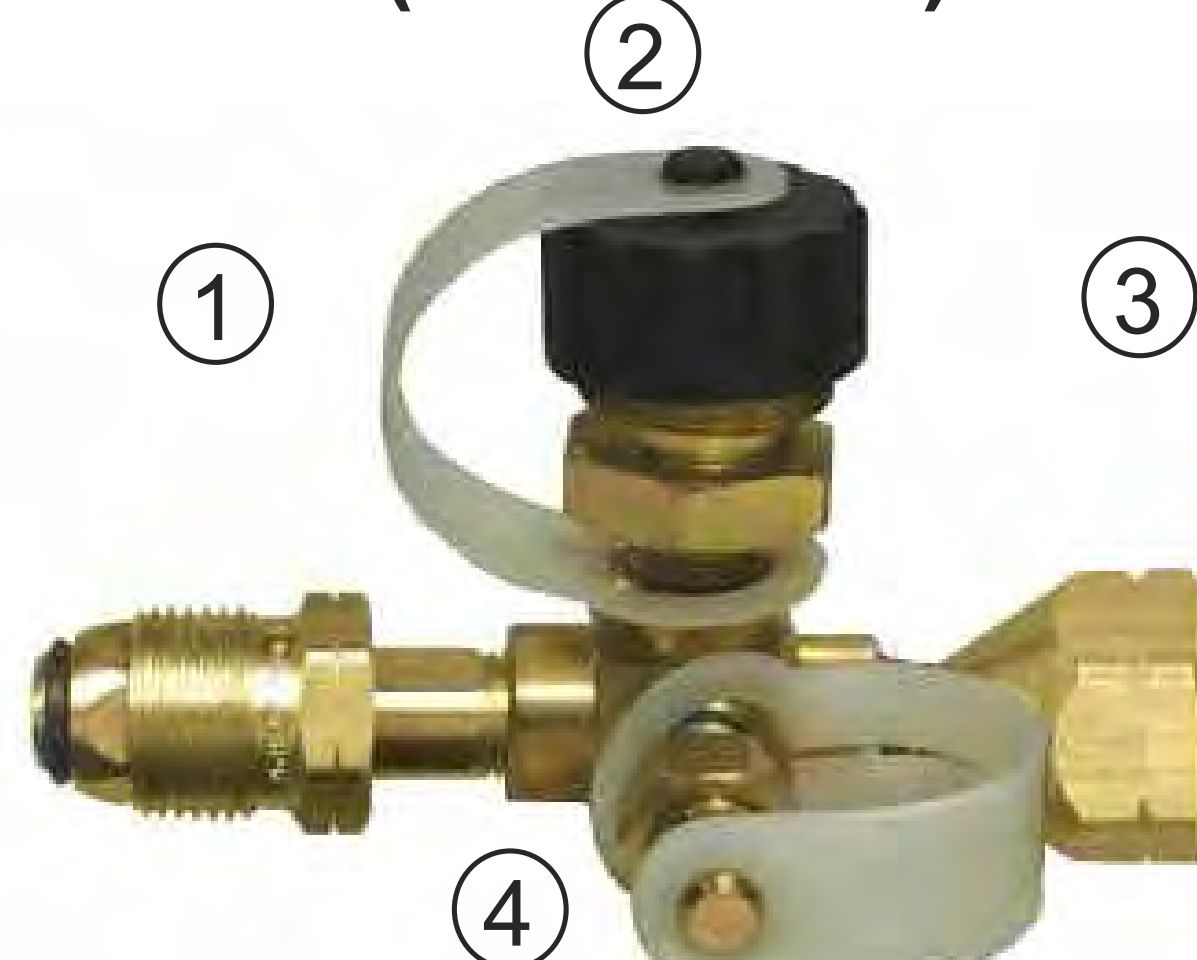
BB-2499 Blister Boxed

## TAP AND ADD AN APPLIANCE (POL / QCPOL)



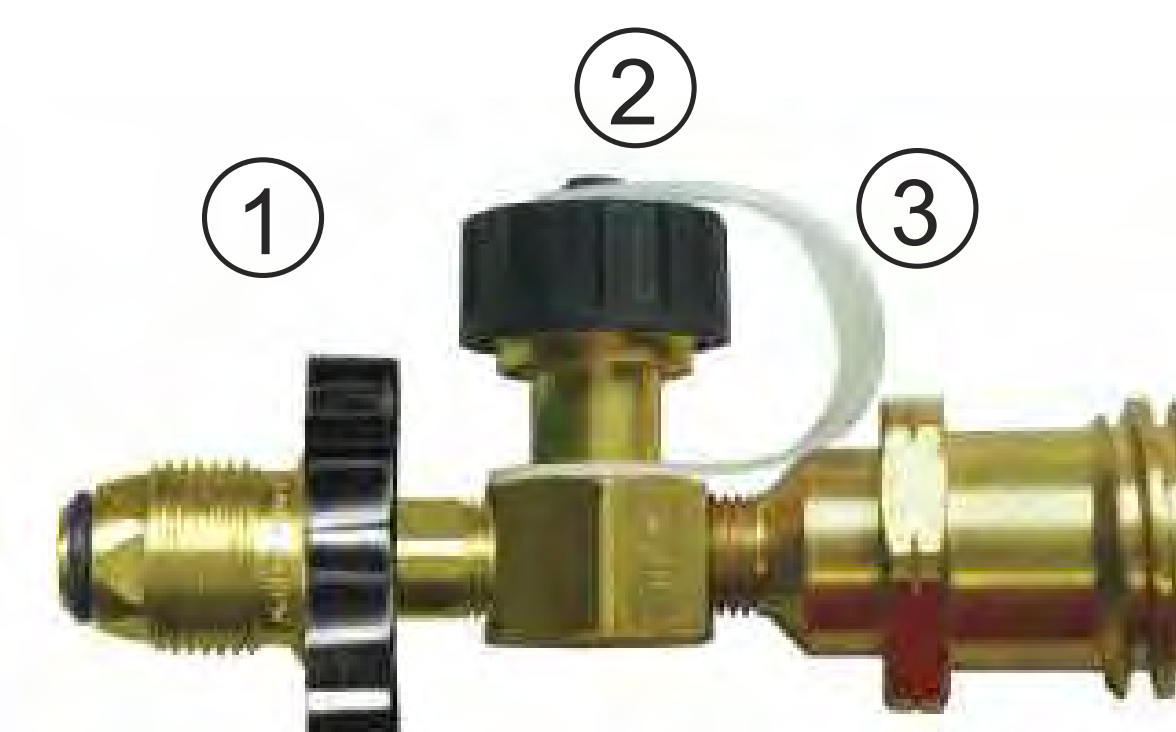
**PART No.** 2025  
**1** Male P.O.L.  
**2** Male 1"-20 Cylinder Thread With Cap  
**3** Male QCC1 / POL  
**4** 1/4" Inv. Flare With Plug

## TAP AND ADD AN APPLIANCE (POL / POL)



**PART No.** 2090  
**1** Male P.O.L.  
**2** Male 1"-20 Cylinder Thread With Cap  
**3** Female P.O.L.  
**4** 1/4" Female Inv. Flare With Plug

## ADD AN APPLIANCE TEE (POL / QCPOL)



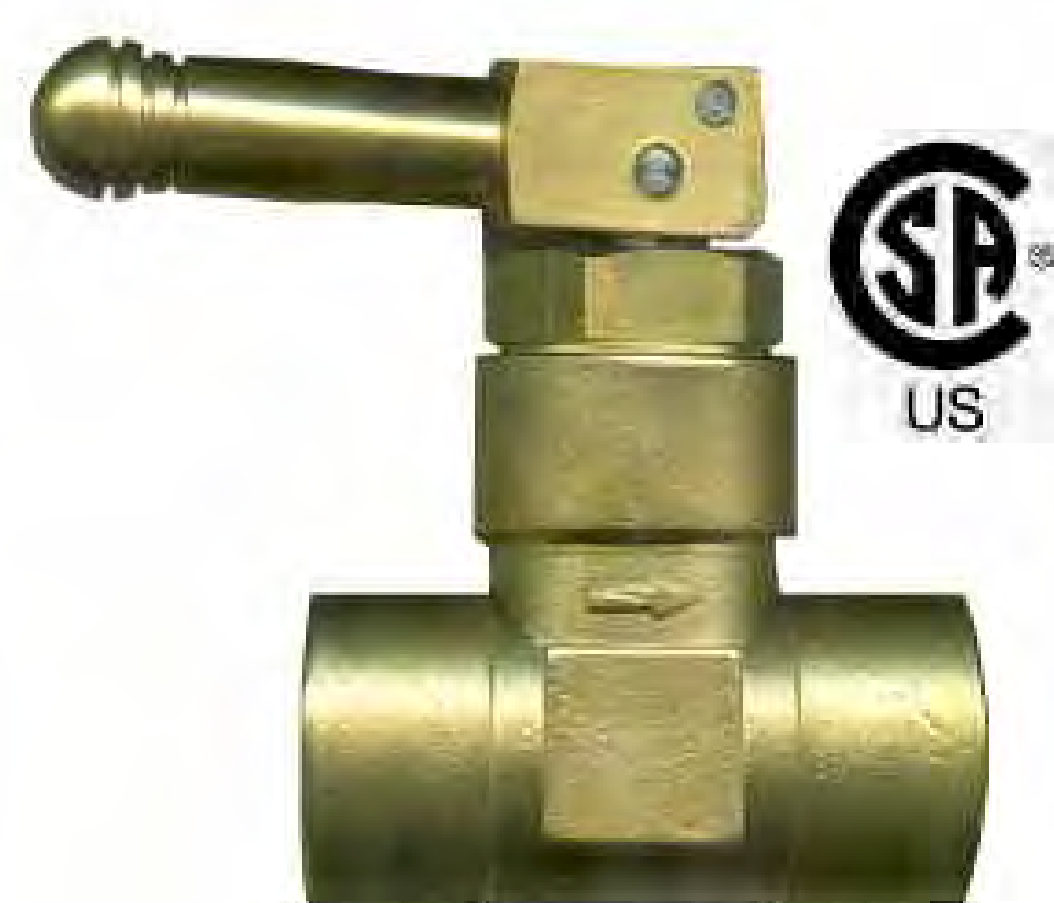
**PART No.** 2021  
**1** Male P.O.L.  
**2** Male 1"-20 Cylinder Thread With Cap  
**3** Male QCC1 / POL

**WARNING: GAS LANTERNS ARE NOT TO BE USED IN CONJUNCTION WITH QCC1 CONNECTIONS.**



## VALVES FOR CYLINDER CHARGING HOSES

### QUICK ACTING TOGGLE VALVES



These valves are designed for use primarily on cylinder filling operations and industrial applications where quick and precise on and off opening is necessary.

- Positive shut-off • One hand operation
- Non corrosive brass construction • Locking and non locking handle.

| PART No. | Description              |
|----------|--------------------------|
| 2360     | 1/2" F.NPT x 1/4" F. NPT |

### PLASTIC ACME CAPS



| PART No. | Description                             |
|----------|-----------------------------------------|
| 2309     | 1-3/4" Female Acme Cap - Yellow Plastic |

### FILLER HOSE ADAPTERS

These adapters are intended to be attached to the LP-gas delivery truck hose outlets. All have minimal flow restriction which allows for fast delivery and also gives the user the ability to remove the filler hose in the event that the valve fails to close. In the event of a filler valve failure the integral check valve prevents loss of product.



| PART No. | Description                                        |
|----------|----------------------------------------------------|
| 2368*    | 1-3/4" Female Acme x Female POL                    |
| 2370     | 1-3/4" Female Acme x 1"-3/4" Male Acme, Non Swivel |
| 2372     | 1-3/4" Female Acme x 1"-3/4" Male Acme             |

\* Primarily used where fill operation and connections have limited access, allowing for use on smaller POL type fill valve assembly

## P.O.L. FILLER ADAPTER

### MALE SOFT NOSE P.O.L. x MALE PIPE



With O-Ring

Brass Nipple

| PART No. | Description                   |
|----------|-------------------------------|
| 2490     | 1/4" NPT x 6" Over All Length |

### BRASS FILLER COUPLINGS



| PART No. | Description                                                            |
|----------|------------------------------------------------------------------------|
| 2320     | 2-1/4" F. Acme x 1-1-4" M.NPT Filler Coupling - Brass Nut/Brass Nipple |
| 2330     | 3-1/4" F. Acme x 2" M.NPT Filler Coupling - Brass Nut/Steel Nipple     |

### BRASS VAPOR COUPLINGS



| PART No. | Description                                   |
|----------|-----------------------------------------------|
| 2341     | 1-1/4" F.Acme x 1/2" M.NPT Vapor Return Valve |

### BRASS MALE ACME x FNPT ADAPTERS



| PART No. | Description                   |
|----------|-------------------------------|
| 2410     | 1-3/4" Male Acme x 1/4" F.NPT |

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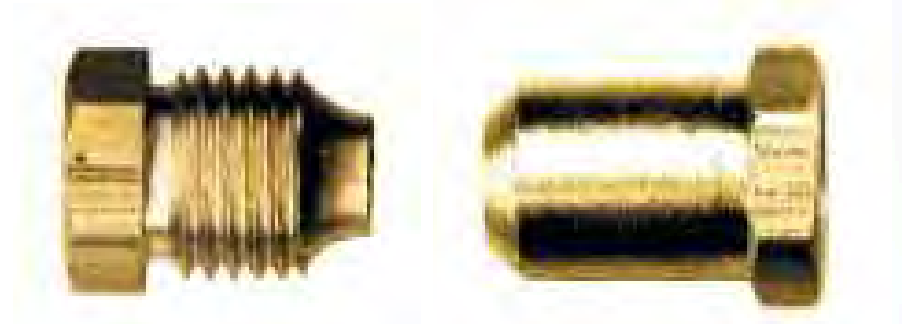
**A**

**PART No. FKGO (GAS SERVICE ORIFICE KITS)**

Fairview's FKGO KIT includes 12 of the most commonly used orifices.

**Kit Contains:**

| PART No. | Desc.              | Qty. | PART No. | Desc.             | Qty. |
|----------|--------------------|------|----------|-------------------|------|
| GO6-*    | Orifice 1/4-28     | 20   | GO30-*   | 1/8 M.P.T.        | 15   |
| GO8-*    | Orifice 11/32-32   | 15   | GO100    | Cap Orifice       | 25   |
| GO9-*    | Orifice 7/16-27    | 15   | 81-3N    | Pilot Nut 3/16    | 10   |
| GO15-*   | Orifice 3/8-27     | 10   | 81-4N    | Pilot Nut 1/4     | 10   |
| GO17-*   | Orifice 1/8 F.P.T. | 10   | 181-2    | One Piece Nut 1/8 | 20   |
| GO26-*   | Orifice 5/16-32    | 20   | 181-4    | One Piece Nut 1/8 | 20   |



**Kit Dimensions**


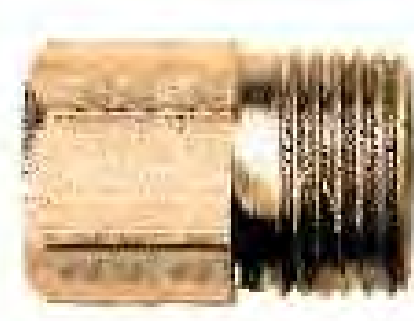


Height: 6.75 In.  
Width: 11.00 In.  
Depth: 1.75 In.





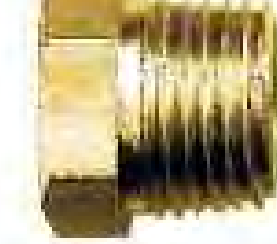

| PART No. | Description      | *Drill Size |
|----------|------------------|-------------|
| FKGO-LP  | LP Gas           | -72 (.0250) |
| FKGO-NG  | Natural Gas      | -56 (.0465) |
| FKGO-BOX | Plastic Box Only |             |

**ORIFICES**

**GAS ORIFICE STARTING HOLES:** -72 = .0250, -80 = .0135, -BL = NO STARTING HOLE. OTHER STARTING HOLES / IDENTIFICATION STAMPING AVAILABLE ON REQUEST. PAGE 253 FOR DRILL SIZING.

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| PART No.<br>GO5-72                                                                  | PART No.<br>GO6-72                                                                  | PART No.<br>GO8-72                                                                    | PART No.<br>GO9-72                                                                    |
| Thread Size<br>1/4-32                                                               | Thread Size<br>1/4-28                                                               | Thread Size<br>11/32-32                                                               | Thread Size<br>7/16-27                                                                |

**CAP ORIFICES**

|                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |  |
| PART No.<br>GO15-72                                                                 | PART No.<br>GO17-72                                                                 | PART No.<br>GO26-72                                                                   | PART No.<br>GO30-72                                                                   | PART No.<br>GO31-72                                                                   |
| Thread Size<br>3/8-27                                                               | Thread Size<br>1/8 F.P.T.                                                           | Thread Size<br>5/16-32                                                                | Thread Size<br>1/8 M.P.T.                                                             | Thread Size<br>1/4 M.P.T.                                                             |

**PILOT NUTS**

**GAS SPUD AND ORIFICE**

|                                                                                     |                                                                                      |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |  |  |  |
| BREAKAWAY TYPE                                                                      | ONE PIECE TYPE                                                                       | PART No.<br>GS21                                                                      | Orifice Thread<br>7/16-27                                                             |
| PART No.<br>81-2N<br>81-3N<br>81-4N<br>81L-4N Long                                  | PART No.<br>181-2<br>181-3<br>181-4                                                  | Orifice Thread<br>7/16-27                                                             | Thread Size<br>1/4 NPT Orifice                                                        |
| Tube Size<br>1/8<br>3/16<br>1/4                                                     | Tube Size<br>1/8<br>3/16<br>1/4                                                      | PART No.<br>GO9-72                                                                    |                                                                                       |

**GAS SLOTTED CAP JET**

**ORIFICE REPAIR ADAPTER**

**TAPERED PILOT BROACHES**

|                                                                                     |                                                                                          |                                                                                       |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  |      |  |
| CAP HAS SIX SLOTS                                                                   | GO100 ADAPTER INSTALLED                                                                  | PART No.                                                                              |
| PART No.<br>GS22-67<br>GS22-76<br>GS22-B<br>GS22-C                                  | Repairs obsolete and modern cap orifices quickly.<br>PART No.<br>GO100-Blank<br>GO100-72 | G1008 – Tapers from .008" to .017"<br>G3015 – Tapers from .003" to .013"              |
| Thread Size<br>1/8 NPT 1/2" HEX<br>1/8 NPT 1/2" HEX<br>BODY ONLY<br>CAP ONLY        |                                                                                          | Hexagon Brass Handle<br>G3020 – Tapers from .003 to .013                              |
| Drill Size<br>67<br>76                                                              |                                                                                          |                                                                                       |



## PART No. FKPL-1 (GAS SERVICE PILOT LINE KIT)

Designed for use in the field, Fairview's pilot line kit offers a selection of popular brass compression and gas orifice fittings in an impact resistant, single sided carry case.



**Kit Dimensions**  
 Height: 12.0 In.  
 Width: 14.5 In.  
 Depth: 2.375 In.

### Kit Contains:

| PART No. | Desc.                   | Qty. | PART No.   | Desc.               | Qty. | PART No.    | Desc.              | Qty. |
|----------|-------------------------|------|------------|---------------------|------|-------------|--------------------|------|
| 60-2     | Compression Sleeve 1/8  | 5    | 68-3B      | 3/16 Tube-1/4 Pipe  | 2    | GO17-72     | Orifice 1/8 F.P.T. | 2    |
| 60-3     | Compression Sleeve 3/16 | 10   | 68-4A      | 1/4 Tube-1/8 Pipe   | 2    | GO100-72    | Cap Orifice-72     | 2    |
| 60-4     | Compression Sleeve 1/4  | 10   | 68-4B      | 1/4 Tube-1/4 Pipe   | 2    | GO100-BLANK | Cap Orifice        | 2    |
| 61-2     | Compression Nut 1/8     | 5    | 81-2N      | Pilot Nut 1/8       | 5    | D56         | Gauging Drill #56  | 1    |
| 61-3     | Compression Nut 3/16    | 10   | 81-3N      | Pilot Nut 3/16      | 5    |             |                    |      |
| 61-4     | Compression Nut 1/4     | 10   | 81-4N      | Pilot Nut 1/4       | 10   |             |                    |      |
| 62-2     | Union 1/8               | 2    | 121-M8UL   | Thread Sealant      | 1    |             |                    |      |
| 62-3     | Union 3/16              | 4    | ABFR-BOX-1 | Storage Box         | 1    |             |                    |      |
| 62-4     | Union 1/4               | 4    | G3015      | Pilot Broaches      | 6    |             |                    |      |
| 68-2A    | 1/8 Tube-1/8 Pipe       | 2    | G3020      | Brass Handle Broach | 1    |             |                    |      |
| 68-3A    | 3/16 Tube-1/8 Pipe      | 2    | GO9-72     | Orifice 7/16-27     | 1    |             |                    |      |



A

## BRASS WELDING FITTINGS



**OXYGEN  
TYPE "B"  
STANDARD  
Right Hand  
Thread**

### HOSE NUT

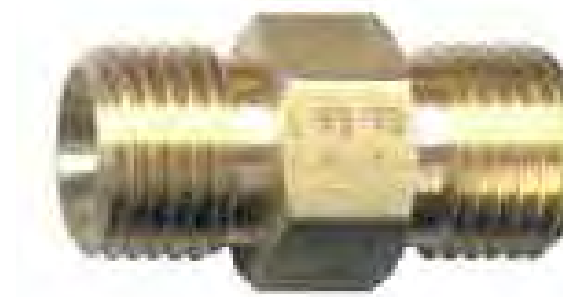
| PART No. | Thread       | Hex Dia. |
|----------|--------------|----------|
| 137-R    | 9/16-18 R.H. | 11/16    |



**OXYGEN  
TYPE "B"  
STANDARD  
Combination  
137-R Nut  
and 138 Nipple**

### HOSE NUT & NIPPLE SET

| PART No. | Hose I.D. | Thread       |
|----------|-----------|--------------|
| 132-3R   | 3/16      | 9/16-18 R.H. |
| 132-4R   | 1/4       | 9/16-18 R.H. |
| 132-5R   | 5/16      | 9/16-18 R.H. |
| 132-6R   | 3/8       | 9/16-18 R.H. |



**OXYGEN  
TYPE "B"  
STANDARD  
Right Hand Thread**

### HOSE COUPLER

| PART No. | Thread       | Hex Dia. |
|----------|--------------|----------|
| 136-R    | 9/16-18 R.H. | 11/16    |



**ACETYLENE  
TYPE "B"  
STANDARD  
Left Hand  
Thread**

### HOSE NUT

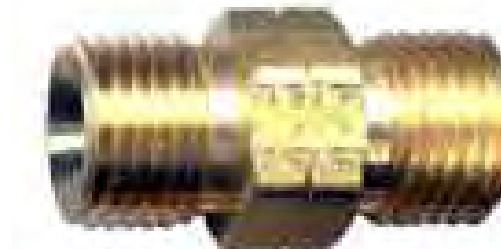
| PART No. | Thread       | Hex Dia. |
|----------|--------------|----------|
| 137-L    | 9/16-18 L.H. | 11/16    |



**ACETYLENE  
TYPE "B"  
STANDARD  
Combination  
137-L Nut  
and 138 Nipple**

### HOSE NUT & NIPPLE SET

| PART No. | Hose I.D. | Thread       |
|----------|-----------|--------------|
| 133-3L   | 3/16      | 9/16-18 L.H. |
| 133-4L   | 1/4       | 9/16-18 L.H. |
| 133-5L   | 5/16      | 9/16-18 L.H. |
| 133-6L   | 3/8       | 9/16-18 L.H. |



**ACETYLENE  
TYPE "B"  
STANDARD  
Left Hand Thread  
Both Ends**

### HOSE COUPLER

| PART No. | Thread       | Hex Dia. |
|----------|--------------|----------|
| 136-L    | 9/16-18 L.H. | 5/8      |



**OXYGEN  
TYPE "B"  
STANDARD  
Right Hand Thread**

### OUTLET BUSHING

| PART No. | Thread                 |
|----------|------------------------|
| 135-RB   | 9/16-18 R.H. X 1/4 NPT |



**TYPE "B"  
STANDARD  
Use With  
137-R or  
L Nuts**

### HOSE BARB NIPPLE

| PART No. | Hose I.D. |
|----------|-----------|
| 138-3    | 3/16      |
| 138-4    | 1/4       |
| 138-6    | 3/8       |



**CGA 555  
SWIVEL  
ADAPTER**

| PART No. | Nipple Thread | Nut Thread      |
|----------|---------------|-----------------|
| GR-555   | 1/4 NPT       | 903-14 NGO L.H. |



**ACETYLENE  
TYPE "B"  
STANDARD  
Left Hand Thread**

### OUTLET BUSHING

| PART No. | Thread                 |
|----------|------------------------|
| 135-LB   | 9/16-18 L.H. X 1/4 NPT |
| 135-LC   | 9/16-18 L.H. X 3/8 NPT |
| 135-LD   | 9/16-18 L.H. X 1/2 NPT |



**A**



**STRAIGHT**

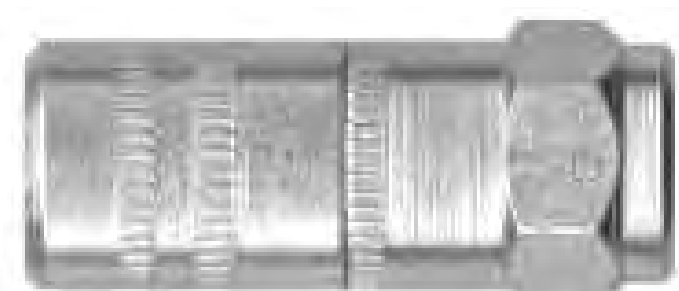
| PART No. | Thread Size | Overall Length (IN.) |
|----------|-------------|----------------------|
| GN-607   | 1/8 x 27    | 1.25                 |
| GN-610   | 1/8 x 27    | 0.62                 |
| GN-627   | 1/4 x 18    | 0.80                 |
| GN-641   | 1/4 x 28    | 0.54                 |
| GN-652   | 1/4 x 28    | 0.67                 |
| GN-680   | 1/4 x 28    | 0.93                 |



**STRAIGHT METRIC**

| PART No. | Thread Size | Overall Length (mm) |
|----------|-------------|---------------------|
| GNM-301  | 10mm x 1    | 15.2                |
| GNM-601  | 6mm x 1     | 13.5                |
| GNM-901  | 8mm x 1     | 15.0                |

**GREASE WHIP COUPLER**



4-Jaw steel coupler for use with rubber or nylon grease whip hose assemblies.

| PART No. | Pipe       |
|----------|------------|
| GWC-A    | 1/8        |
| C-GWC-A  | Carded X 1 |



**45° ANGLE**

| PART No. | Thread Size | Overall Length (IN.) |
|----------|-------------|----------------------|
| GN-637   | 1/4 x 28    | 0.88                 |
| GN-688   | 1/8 x 27    | 0.98                 |



**45° ANGLE METRIC**

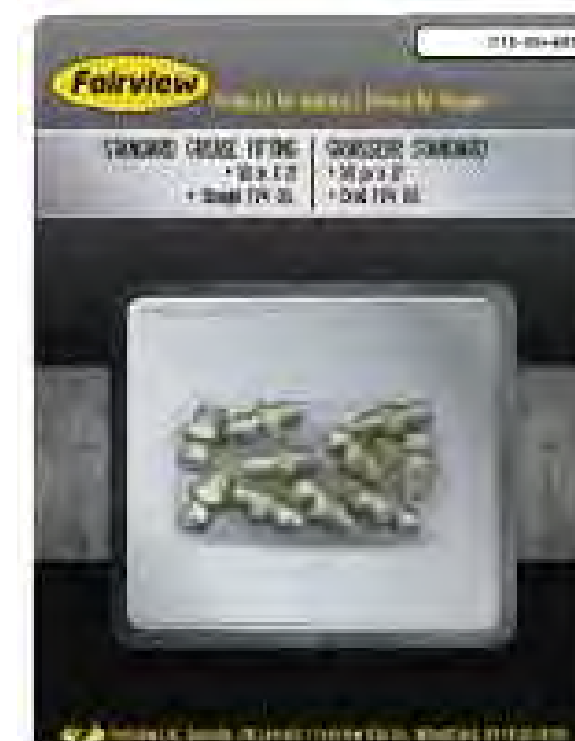
| PART No. | Thread Size | Overall Length (mm) |
|----------|-------------|---------------------|
| GNM-045  | 6mm x 1     | 22.6                |
| GNM-345  | 10mm x 1    | 23.5                |
| GNM-445  | 8mm x 1     | 22.6                |



**65° ANGLE**

| PART No. | Thread Size | Overall Length (IN.) |
|----------|-------------|----------------------|
| GN-612   | 1/8 X 27    | 0.88                 |
| GN-629   | 1/4 X 18    | 0.96                 |

Grease fittings are available in retail carded blister packs, ten per card. Prefix PART No. with C10- (10 Pcs.) Example: C10-GN607



**90° ANGLE**

| PART No. | Thread Size | Overall Length (IN.) |
|----------|-------------|----------------------|
| GN-613   | 1/8 X 27    | 0.82                 |
| GN-911   | 1/4 X 28    | 0.69                 |



**90° ANGLE METRIC**

| PART No. | Thread Size | Overall Length (mm) |
|----------|-------------|---------------------|
| GNM-090  | 6mm x 1     | 18.0                |
| GNM-390  | 10mm x 1    | 19.0                |
| GNM-490  | 8mm x 1     | 18.0                |



**DRIVE FIT**

| PART No. | Thread Size | Overall Length (IN.) |
|----------|-------------|----------------------|
| GN-608   | 5/16        | 0.58                 |
| GN-728   | 3/16        | 0.50                 |
| GN-743   | 1/4         | 0.50                 |

**Grease Guns  
See page 255**

**GREASE FITTING ASSORTMENT KITS**

Fairview's grease fitting kits provide the most popular grease nipple fittings all in one place when you need them. This light weight compact kit is ideal for any shop.

| PART No.    | Description |
|-------------|-------------|
| GN-100-KIT  | Standard    |
| GNM-100-KIT | Metric      |



GREASE FITTING KIT  
GN-100-KIT

**Kit Dimensions**

Height: 3.50 In.  
Width: 6.25 In.  
Depth: 1.25 In.

**PART No. GN-100-KIT: 100 STANDARD GREASE FITTINGS  
IN 6 POPULAR SIZES. KIT CONTAINS:**

| PART No. | Quantity | Style    | Thread Size | Overall Length (IN.) |
|----------|----------|----------|-------------|----------------------|
| GN-610   | 20       | Straight | 1/8 x 27    | 0.62                 |
| GN-613   | 4        | 90°      | 1/8 X 27    | 0.82                 |
| GN-637   | 6        | 45°      | 1/4 x 28    | 0.88                 |
| GN-641   | 60       | Straight | 1/4 x 28    | 0.54                 |
| GN-688   | 4        | 45°      | 1/8 x 27    | 0.98                 |
| GN-911   | 6        | 90°      | 1/4 X 28    | 0.69                 |

**PART No. GNM-100-KIT: 100 METRIC GREASE FITTINGS  
IN 6 POPULAR SIZES. KIT CONTAINS:**

| PART No. | Quantity | Style    | Thread Size | Overall Length (mm) |
|----------|----------|----------|-------------|---------------------|
| GNM-045  | 10       | 45°      | 6mm x 1     | 22.6                |
| GNM-090  | 10       | 90°      | 6mm x 1     | 18.0                |
| GNM-301  | 10       | Straight | 10mm x 1    | 15.2                |
| GNM-445  | 10       | 45°      | 8mm x 1     | 22.6                |
| GNM-601  | 40       | Straight | 6mm x 1     | 13.5                |
| GNM-901  | 20       | Straight | 8mm x 1     | 15.0                |



# OPERATING AND BURST PRESSURES OF HYDRAULIC FITTINGS

A



## MAXIMUM OPERATING (P.S.I.)

| Dash Size | 37° S.A.E. |        | Male Pipe | Fem. Pipe | Fem. Pipe Swivel | O-Ring Boss |        | O-Ring Face Seal |                 | Flareless Tube |
|-----------|------------|--------|-----------|-----------|------------------|-------------|--------|------------------|-----------------|----------------|
|           | Male       | Swivel |           |           |                  | Male        | Female | Studs            | Adjusting Studs |                |
| -2        | 5000       | 4000   | 5000      | 5000      | 4500             | 5000        | 5000   | 5000             | 5000            | 5000           |
| -3        | 5000       | 4000   | -         | -         | -                | 5000        | 5000   | 5000             | 5000            | 5000           |
| -4        | 5000       | 4000   | 5000      | 5000      | 4500             | 5000        | 5000   | 5000             | 5000            | 5000           |
| -5        | 5000       | 4000   | -         | -         | -                | 5000        | 5000   | 5000             | 5000            | 5000           |
| -6        | 5000       | 4000   | 4000      | 4000      | 4000             | 5000        | 5000   | 5000             | 5000            | 4000           |
| -8        | 4500       | 4000   | 3000      | 3000      | 3000             | 4500        | 4500   | 6000             | 6000            | 3000           |
| -10       | 3500       | 3000   | -         | -         | -                | 3500        | 3500   | 3500             | 3500            | 3000           |
| -12       | 3500       | 3000   | 2500      | 2500      | 2500             | 3500        | 3500   | 3500             | 3500            | 2500           |
| -14       | 3000       | 2500   | -         | -         | -                | 3000        | 3000   | 3000             | 3000            | 2500           |
| -16       | 3000       | 2500   | 2000      | 2000      | 2000             | 3000        | 3000   | 3000             | 3000            | 2000           |
| -20       | 2500       | 2000   | 1150      | 1150      | 1150             | 2500        | 2500   | 2500             | 2500            | 1150           |
| -24       | 2000       | 1500   | 1000      | 1000      | 1000             | 2000        | 2000   | 2000             | 2000            | 1000           |
| -32       | 1500       | 1125   | 1000      | 1000      | 1000             | 1500        | 1500   | 1500             | 1500            | 1000           |

## MINIMUM BURST (P.S.I.)

| Dash Size | 37° S.A.E. |        | Male Pipe | Fem. Pipe | Fem. Pipe Swivel | O-Ring Boss |        | O-Ring Face Seal |                 | Flareless Tube |
|-----------|------------|--------|-----------|-----------|------------------|-------------|--------|------------------|-----------------|----------------|
|           | Male       | Swivel |           |           |                  | Male        | Female | Studs            | Adjusting Studs |                |
| -2        | 20000      | 16000  | 20000     | 20000     | 18000            | 20000       | 20000  | 20000            | 20000           | 20000          |
| -3        | 20000      | 16000  | -         | -         | -                | 20000       | 20000  | 20000            | 20000           | 20000          |
| -4        | 20000      | 16000  | 20000     | 20000     | 18000            | 20000       | 20000  | 20000            | 20000           | 20000          |
| -5        | 20000      | 16000  | -         | -         | -                | 20000       | 20000  | 20000            | 20000           | 20000          |
| -6        | 20000      | 16000  | 16000     | 16000     | 16000            | 20000       | 20000  | 20000            | 20000           | 16000          |
| -8        | 18000      | 16000  | 12000     | 12000     | 16000            | 18000       | 18000  | 24000            | 24000           | 12000          |
| -10       | 14000      | 12000  | -         | -         | -                | 14000       | 14000  | 14000            | 14000           | 12000          |
| -12       | 14000      | 12000  | 10000     | 10000     | 12000            | 14000       | 14000  | 14000            | 14000           | 10000          |
| -14       | 12000      | 10000  | -         | -         | -                | 12000       | 12000  | 12000            | 12000           | 10000          |
| -16       | 12000      | 10000  | 8000      | 8000      | 10000            | 12000       | 12000  | 24000            | 20000           | 8000           |
| -20       | 10000      | 8000   | 4600      | 4600      | 8000             | 10000       | 10000  | 16000            | 16000           | 4600           |
| -24       | 8000       | 6000   | 4000      | 4000      | 6000             | 8000        | 8000   | 16000            | 12000           | 4000           |
| -32       | 6000       | 4500   | 4000      | 4000      | 4500             | 6000        | 6000   | 6000             | 6000            | 4000           |

**NOTE:** If a fitting has multiple ends, (i.e. 1/2 male pipe to 3/8 male pipe) or one or more different style ends, (i.e. O-ring boss to male pipe threads.), the lower pressure of the two end styles should be recognized as the working pressure rating for that fitting.



A



**CONNECTOR**  
Female 37°  
Swivel To  
Male Pipe

| PART No.  | Swivel | Pipe  |
|-----------|--------|-------|
| S3520-4A  | 1/4    | 1/8   |
| S3520-4B  | 1/4    | 1/4   |
| S3520-6B  | 3/8    | 1/4   |
| S3520-6C  | 3/8    | 3/8   |
| S3520-8C  | 1/2    | 3/8   |
| S3520-8D  | 1/2    | 1/2   |
| S3520-10D | 5/8    | 1/2   |
| S3520-10E | 5/8    | 3/4   |
| S3520-12D | 3/4    | 1/2   |
| S3520-12E | 3/4    | 3/4   |
| S3520-16E | 1      | 3/4   |
| S3520-16H | 1      | 1     |
| S3520-20J | 1-1/4  | 1-1/4 |
| S3520-24K | 1-1/2  | 1-1/2 |



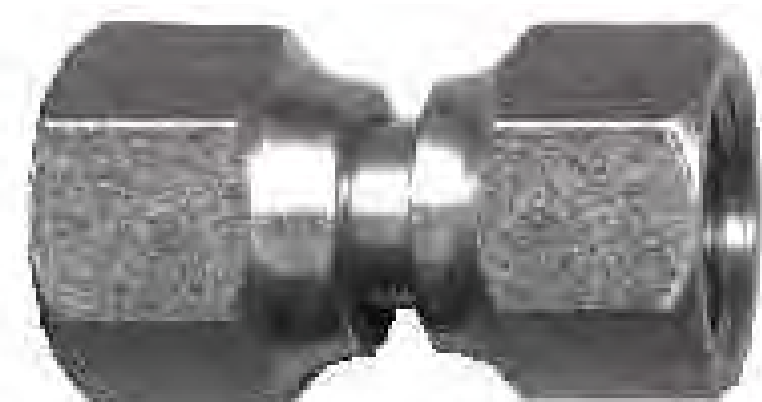
**CONNECTOR**  
Female 37°  
Swivel To  
Male O-Ring

| PART No. | Swivel | O-Ring      |
|----------|--------|-------------|
| S3522-4  | 1/4    | 7/16 - 20   |
| S3522-6  | 3/8    | 9/16 - 18   |
| S3522-8  | 1/2    | 3/4 - 16    |
| S3522-10 | 5/8    | 7/8 - 14    |
| S3522-12 | 3/4    | 1-1/16 - 12 |
| S3522-16 | 1      | 1-5/16 - 12 |
| S3522-20 | 1-1/4  | 1-5/8 - 12  |



**CONNECTOR**  
Female 37°  
Swivel To  
Female Pipe

| PART No.  | Swivel | Pipe  |
|-----------|--------|-------|
| S3526-4A  | 1/4    | 1/8   |
| S3526-4B  | 1/4    | 1/4   |
| S3526-6B  | 3/8    | 1/4   |
| S3526-6C  | 3/8    | 3/8   |
| S3526-8C  | 1/2    | 3/8   |
| S3526-8D  | 1/2    | 1/2   |
| S3526-10D | 5/8    | 1/2   |
| S3526-12E | 3/4    | 3/4   |
| S3526-16H | 1      | 1     |
| S3526-20J | 1-1/4  | 1-1/4 |



**UNION**  
Female 37°  
Swivel

| PART No. | Swivel |
|----------|--------|
| S3542-4  | 1/4    |
| S3542-6  | 3/8    |
| S3542-8  | 1/2    |
| S3542-12 | 3/4    |
| S3542-16 | 1      |



**CONNECTOR**  
Female 37°  
Swivel To  
Male JIC

| PART No. | Swivel | Tube |
|----------|--------|------|
| S3548-4  | 1/4    | 1/4  |
| S3548-6  | 3/8    | 3/8  |
| S3548-8  | 1/2    | 1/2  |
| S3548-10 | 5/8    | 5/8  |
| S3548-12 | 3/4    | 3/4  |
| S3548-16 | 1      | 1    |



**90° ELBOW**  
Female 37°  
Swivel To  
Male Pipe

| PART No.  | Swivel | Pipe |
|-----------|--------|------|
| S3516-4A  | 1/4    | 1/8  |
| S3516-4B  | 1/4    | 1/4  |
| S3516-6B  | 3/8    | 1/4  |
| S3516-6C  | 3/8    | 3/8  |
| S3516-8C  | 1/2    | 3/8  |
| S3516-8D  | 1/2    | 1/2  |
| S3516-10D | 5/8    | 1/2  |
| S3516-12E | 3/4    | 3/4  |
| S3516-16H | 1      | 1    |



**90° ELBOW**  
Female 37°  
Swivel To  
Male O-Ring

| PART No. | Swivel | O-Ring      |
|----------|--------|-------------|
| S3599-6  | 3/8    | 9/16 - 18   |
| S3599-8  | 1/2    | 3/4 - 16    |
| S3599-10 | 5/8    | 7/8 - 14    |
| S3599-12 | 3/4    | 1-1/16 - 12 |
| S3599-16 | 1      | 1-5/16 - 12 |



**90° ELBOW**  
Female 37°  
Swivel To  
Male JIC

| PART No.  | Swivel | Tube  |
|-----------|--------|-------|
| S3549-4   | 1/4    | 1/4   |
| S3549-5   | 5/16   | 5/16  |
| S3549-6   | 3/8    | 3/8   |
| S3549-68  | 3/8    | 1/2   |
| S3549-8   | 1/2    | 1/2   |
| S3549-86  | 1/2    | 3/8   |
| S3549-810 | 1/2    | 5/8   |
| S3549-10  | 5/8    | 5/8   |
| S3549-12  | 3/4    | 3/4   |
| S3549-16  | 1      | 1     |
| S3549-20  | 1-1/4  | 1-1/4 |
| S3549-24  | 1-1/2  | 1-1/2 |



**90° BENT TUBE ELBOW**  
Female 37°  
Swivel To  
Male JIC

| PART No.   | Swivel | Tube  | Drop Length |
|------------|--------|-------|-------------|
| S3549BT-4  | 1/4    | 1/4   | 0.68        |
| S3549BT-8  | 1/2    | 1/2   | 1.09        |
| S3549BT-10 | 5/8    | 5/8   | 1.23        |
| S3549BT-12 | 3/4    | 3/4   | 1.83        |
| S3549BT-16 | 1      | 1     | 2.14        |
| S3549BT-20 | 1-1/4  | 1-1/4 | 4.03        |



**90° BENT TUBE ELBOW (LONG STYLE)**  
Female 37°  
Swivel To M. JIC

| PART No.    | Swivel | Tube | Drop Length |
|-------------|--------|------|-------------|
| S3549LBT-6  | 3/8    | 3/8  | 2.66        |
| S3549LBT-8  | 1/2    | 1/2  | 2.44        |
| S3549LBT-12 | 3/4    | 3/4  | 3.73        |
| S3549LBT-16 | 1      | 1    | 4.33        |



**45° ELBOW**  
Female 37°  
Swivel To  
Male JIC

| PART No. | Swivel | Tube  |
|----------|--------|-------|
| S3554-4  | 1/4    | 1/4   |
| S3554-6  | 3/8    | 3/8   |
| S3554-8  | 1/2    | 1/2   |
| S3554-10 | 5/8    | 5/8   |
| S3554-12 | 3/4    | 3/4   |
| S3554-16 | 1      | 1     |
| S3554-20 | 1-1/4  | 1-1/4 |
| S3554-24 | 1-1/2  | 1-1/2 |



**TEE**  
Male JIC To  
Male JIC To  
Female 37°  
Swivel

| PART No. | Swivel | Tube  |
|----------|--------|-------|
| S3545-4  | 1/4    | 1/4   |
| S3545-6  | 3/8    | 3/8   |
| S3545-8  | 1/2    | 1/2   |
| S3545-10 | 5/8    | 5/8   |
| S3545-12 | 3/4    | 3/4   |
| S3545-16 | 1      | 1     |
| S3545-20 | 1-1/4  | 1-1/4 |



**TEE**  
Tube To Female  
37° Swivel To  
Male JIC

| PART No. | Swivel | Tube  |
|----------|--------|-------|
| S3551-4  | 1/4    | 1/4   |
| S3551-6  | 3/8    | 3/8   |
| S3551-8  | 1/2    | 1/2   |
| S3551-10 | 5/8    | 5/8   |
| S3551-12 | 3/4    | 3/4   |
| S3551-16 | 1      | 1     |
| S3551-20 | 1-1/4  | 1-1/4 |



**TEE**  
Tube To Female  
37° Swivel To  
Male Pipe

| PART No. | Tube | Swivel | Pipe |
|----------|------|--------|------|
| S3536-8B | 1/2  | 1/2    | 1/4  |



# STEEL 37° J.I.C. FLARE ADAPTERS

A



## SLEEVE

| PART No. | Tube  |
|----------|-------|
| S3721-4  | 1/4   |
| S3721-6  | 3/8   |
| S3721-8  | 1/2   |
| S3721-10 | 5/8   |
| S3721-12 | 3/4   |
| S3721-16 | 1     |
| S3721-20 | 1-1/4 |



## SLEEVE NUT

| PART No. | Tube  |
|----------|-------|
| S3720-4  | 1/4   |
| S3720-6  | 3/8   |
| S3720-8  | 1/2   |
| S3720-10 | 5/8   |
| S3720-12 | 3/4   |
| S3720-16 | 1     |
| S3720-20 | 1-1/4 |



## REDUCER Female JIC To Male JIC (ONE PIECE TYPE)

| PART No.   | Female Tube | Male Tube |
|------------|-------------|-----------|
| S3735-46   | 1/4         | 3/8       |
| S3735-64   | 3/8         | 1/4       |
| S3735-68   | 3/8         | 1/2       |
| S3735-84   | 1/2         | 1/4       |
| S3735-86   | 1/2         | 3/8       |
| S3735-810  | 1/2         | 5/8       |
| S3735-812  | 1/2         | 3/4       |
| S3735-106  | 5/8         | 3/8       |
| S3735-108  | 5/8         | 1/2       |
| S3735-1012 | 5/8         | 3/4       |
| S3735-124  | 3/4         | 1/4       |
| S3735-126  | 3/4         | 3/8       |
| S3735-128  | 3/4         | 1/2       |
| S3735-1210 | 3/4         | 5/8       |
| S3735-1216 | 3/4         | 1         |
| S3735-164  | 1           | 1/4       |
| S3735-166  | 1           | 3/8       |
| S3735-168  | 1           | 1/2       |
| S3735-1610 | 1           | 5/8       |
| S3735-1612 | 1           | 3/4       |
| S3735-1620 | 1           | 1-1/4     |
| S3735-2012 | 1-1/4       | 3/4       |
| S3735-2016 | 1-1/4       | 1         |
| S3735-2416 | 1-1/2       | 1         |
| S3735-2420 | 1-1/2       | 1-1/4     |
| S3735-3224 | 2           | 1-1/2     |



## UNION Male JIC To Male JIC

| PART No.   | Tube  | Tube  |
|------------|-------|-------|
| S3742-4    | 1/4   | 1/4   |
| S3742-5    | 5/16  | 5/16  |
| S3742-6    | 3/8   | 3/8   |
| S3742-64   | 3/8   | 1/4   |
| S3742-8    | 1/2   | 1/2   |
| S3742-86   | 1/2   | 3/8   |
| S3742-10   | 5/8   | 5/8   |
| S3742-108  | 5/8   | 1/2   |
| S3742-12   | 3/4   | 3/4   |
| S3742-128  | 3/4   | 1/2   |
| S3742-1210 | 3/4   | 5/8   |
| S3742-16   | 1     | 1     |
| S3742-1612 | 1     | 3/4   |
| S3742-20   | 1-1/4 | 1-1/4 |
| S3742-2016 | 1-1/4 | 1     |
| S3742-24   | 1-1/2 | 1-1/2 |
| S3742-32   | 2     | 2     |



## CONNECTOR Male JIC To Female Pipe

| PART No.  | Tube  | Pipe  |
|-----------|-------|-------|
| S3746-4A  | 1/4   | 1/8   |
| S3746-4B  | 1/4   | 1/4   |
| S3746-6B  | 3/8   | 1/4   |
| S3746-6C  | 3/8   | 3/8   |
| S3746-6D  | 3/8   | 1/2   |
| S3746-8B  | 1/2   | 1/4   |
| S3746-8C  | 1/2   | 3/8   |
| S3746-8D  | 1/2   | 1/2   |
| S3746-10D | 5/8   | 1/2   |
| S3746-10E | 5/8   | 3/4   |
| S3746-12D | 3/4   | 1/2   |
| S3746-12E | 3/4   | 3/4   |
| S3746-16H | 1     | 1     |
| S3746-20J | 1-1/4 | 1-1/4 |
| S3746-24K | 1-1/2 | 1-1/2 |
| S3746-32M | 2     | 2     |



## CONNECTOR Male JIC To Male Pipe

| PART No.  | Tube  | Pipe  |
|-----------|-------|-------|
| S3748-2A  | 1/8   | 1/8   |
| S3748-3A  | 3/16  | 1/8   |
| S3748-4A  | 1/4   | 1/8   |
| S3748-4B  | 1/4   | 1/4   |
| S3748-4C  | 1/4   | 3/8   |
| S3748-4D  | 1/4   | 1/2   |
| S3748-5A  | 5/16  | 1/8   |
| S3748-5B  | 5/16  | 1/4   |
| S3748-6A  | 3/8   | 1/8   |
| S3748-6B  | 3/8   | 1/4   |
| S3748-6C  | 3/8   | 3/8   |
| S3748-6D  | 3/8   | 1/2   |
| S3748-6E  | 3/8   | 3/4   |
| S3748-8B  | 1/2   | 1/4   |
| S3748-8C  | 1/2   | 3/8   |
| S3748-8D  | 1/2   | 1/2   |
| S3748-8E  | 1/2   | 3/4   |
| S3748-8H  | 1/2   | 1     |
| S3748-10C | 5/8   | 3/8   |
| S3748-10D | 5/8   | 1/2   |
| S3748-10E | 5/8   | 3/4   |
| S3748-12D | 3/4   | 1/2   |
| S3748-12E | 3/4   | 3/4   |
| S3748-12H | 3/4   | 1     |
| S3748-16D | 1     | 1/2   |
| S3748-16E | 1     | 3/4   |
| S3748-16H | 1     | 1     |
| S3748-16J | 1     | 1-1/4 |
| S3748-20H | 1-1/4 | 1     |
| S3748-20J | 1-1/4 | 1-1/4 |
| S3748-20K | 1-1/4 | 1-1/2 |
| S3748-24J | 1-1/2 | 1-1/4 |
| S3748-24K | 1-1/2 | 1-1/2 |
| S3748-32K | 2     | 1-1/2 |
| S3748-32M | 2     | 2     |



## CONNECTOR 37° Tube to British Standard Pipe Parallel Male

| PART No.     | Tube | BSPP |
|--------------|------|------|
| S3748BSPP-44 | 1/4  | 1/4  |
| S3748BSPP-66 | 3/8  | 3/8  |
| S3748BSPP-88 | 1/2  | 1/2  |



A



**Male JIC  
PLUG**

| PART No. | Tube  |
|----------|-------|
| S3758-3  | 3/16  |
| S3758-4  | 1/4   |
| S3758-5  | 5/16  |
| S3758-6  | 3/8   |
| S3758-8  | 1/2   |
| S3758-10 | 5/8   |
| S3758-12 | 3/4   |
| S3758-14 | 7/8   |
| S3758-16 | 1     |
| S3758-20 | 1-1/4 |
| S3758-24 | 1-1/2 |
| S3758-32 | 2     |



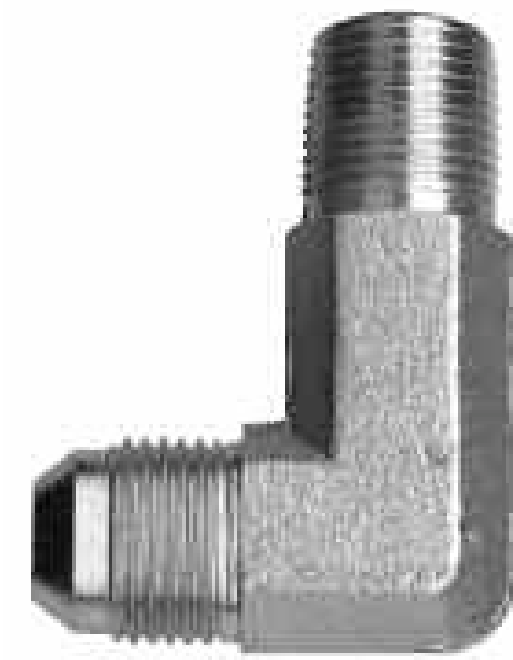
**CAP NUT**

| PART No. | Tube  |
|----------|-------|
| S3756-4  | 1/4   |
| S3756-5  | 5/16  |
| S3756-6  | 3/8   |
| S3756-8  | 1/2   |
| S3756-10 | 5/8   |
| S3756-12 | 3/4   |
| S3756-14 | 7/8   |
| S3756-16 | 1     |
| S3756-20 | 1-1/4 |
| S3756-24 | 1-1/2 |
| S3756-32 | 2     |



**90° ELBOW  
Male JIC To  
Male Pipe**

| PART No.  | Tube  | Pipe  |
|-----------|-------|-------|
| S3749-2A  | 1/8   | 1/8   |
| S3749-4A  | 1/4   | 1/8   |
| S3749-4B  | 1/4   | 1/4   |
| S3749-4C  | 1/4   | 3/8   |
| S3749-4D  | 1/4   | 1/2   |
| S3749-6A  | 3/8   | 1/8   |
| S3749-6B  | 3/8   | 1/4   |
| S3749-6C  | 3/8   | 3/8   |
| S3749-6D  | 3/8   | 1/2   |
| S3749-6E  | 3/8   | 3/4   |
| S3749-8B  | 1/2   | 1/4   |
| S3749-8C  | 1/2   | 3/8   |
| S3749-8D  | 1/2   | 1/2   |
| S3749-8E  | 1/2   | 3/4   |
| S3749-8H  | 1/2   | 1     |
| S3749-10C | 5/8   | 3/8   |
| S3749-10D | 5/8   | 1/2   |
| S3749-10E | 5/8   | 3/4   |
| S3749-12D | 3/4   | 1/2   |
| S3749-12E | 3/4   | 3/4   |
| S3749-12H | 3/4   | 1     |
| S3749-16E | 1     | 3/4   |
| S3749-16H | 1     | 1     |
| S3749-16J | 1     | 1-1/4 |
| S3749-20H | 1-1/4 | 1     |
| S3749-20J | 1-1/4 | 1-1/4 |
| S3749-20K | 1-1/4 | 1-1/2 |
| S3749-24J | 1-1/2 | 1-1/4 |
| S3749-24K | 1-1/2 | 1-1/2 |
| S3749-32M | 2     | 2     |



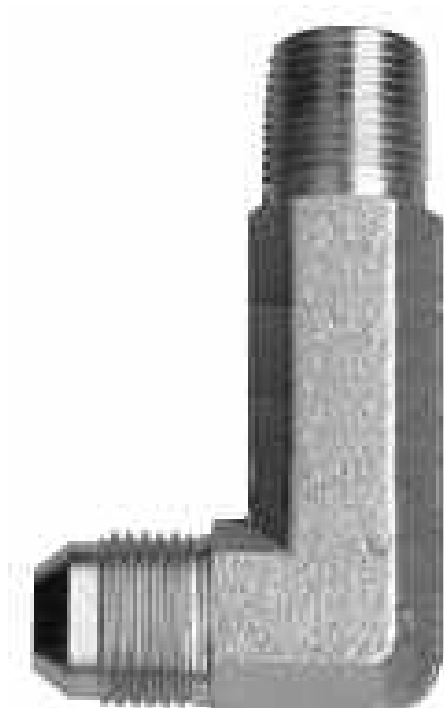
**90° ELBOW  
(LONG STYLE)  
Male JIC To  
Male Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| S3749L-4A | 1/4  | 1/8  |
| S3749L-4B | 1/4  | 1/4  |
| S3749L-6B | 3/8  | 1/4  |
| S3749L-8D | 1/2  | 1/2  |



**90° ELBOW  
(EXTRA LONG  
STYLE)  
Male JIC To  
Male Pipe**

| PART No.   | Tube | Pipe |
|------------|------|------|
| S3749EL-4A | 1/4  | 1/8  |
| S3749EL-4B | 1/4  | 1/4  |



**90° ELBOW  
(EXTRA-EXTRA  
LONG STYLE)  
Male JIC To  
Male Pipe**

| PART No.    | Tube | Pipe |
|-------------|------|------|
| S3749EEL-4A | 1/4  | 1/8  |



**90° ELBOW  
37° Tube to  
British Standard  
Pipe Parallel  
Male**

| PART No.     | Tube | BSPP |
|--------------|------|------|
| S3749BSPP-42 | 1/4  | 1/8  |



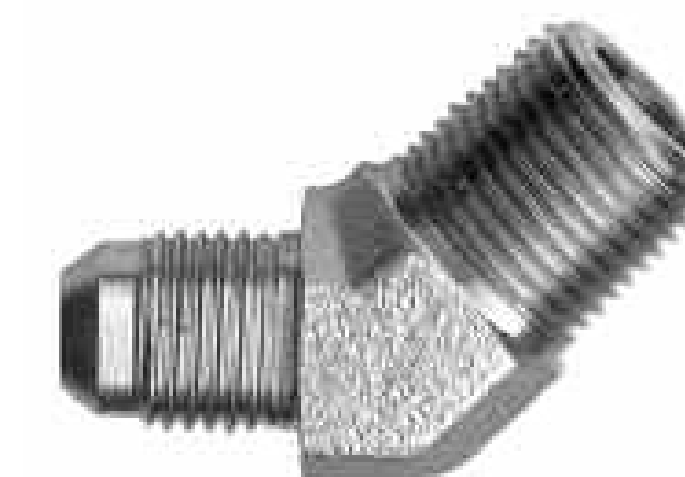
**90° ELBOW  
Male JIC To  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| S3750-4A  | 1/4  | 1/8  |
| S3750-4B  | 1/4  | 1/4  |
| S3750-6B  | 3/8  | 1/4  |
| S3750-6C  | 3/8  | 3/8  |
| S3750-8C  | 1/2  | 3/8  |
| S3750-8D  | 1/2  | 1/2  |
| S3750-10D | 5/8  | 1/2  |
| S3750-12E | 3/4  | 3/4  |
| S3750-16H | 1    | 1    |



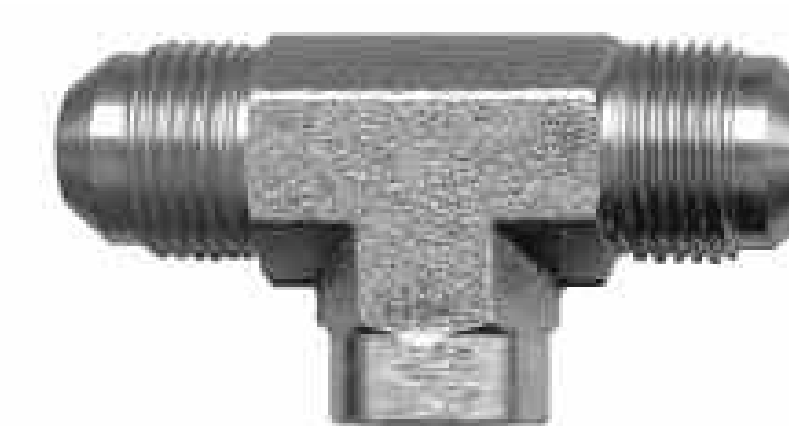
**90° ELBOW  
Male JIC To Male  
JIC**

| PART No. | Tube  | Tube  |
|----------|-------|-------|
| S3755-4  | 1/4   | 1/4   |
| S3755-6  | 3/8   | 3/8   |
| S3755-8  | 1/2   | 1/2   |
| S3755-10 | 5/8   | 5/8   |
| S3755-12 | 3/4   | 3/4   |
| S3755-16 | 1     | 1     |
| S3755-20 | 1-1/4 | 1-1/4 |



**45° ELBOW  
Male JIC To  
Male Pipe**

| PART No.  | Tube  | Pipe  |
|-----------|-------|-------|
| S3754-4A  | 1/4   | 1/8   |
| S3754-4B  | 1/4   | 1/4   |
| S3754-6B  | 3/8   | 1/4   |
| S3754-6C  | 3/8   | 3/8   |
| S3754-6D  | 3/8   | 1/2   |
| S3754-8C  | 1/2   | 3/8   |
| S3754-8D  | 1/2   | 1/2   |
| S3754-8E  | 1/2   | 3/4   |
| S3754-10C | 5/8   | 3/8   |
| S3754-10D | 5/8   | 1/2   |
| S3754-12D | 3/4   | 1/2   |
| S3754-12E | 3/4   | 3/4   |
| S3754-16E | 1     | 3/4   |
| S3754-16H | 1     | 1     |
| S3754-20J | 1-1/4 | 1-1/4 |
| S3754-24K | 1-1/2 | 1-1/2 |



**TEE  
Male JIC To  
Male JIC To  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| S3736-6B  | 3/8  | 1/4  |
| S3736-8D  | 1/2  | 1/2  |
| S3736-12E | 3/4  | 3/4  |



# STEEL 37° J.I.C. FLARE ADAPTERS



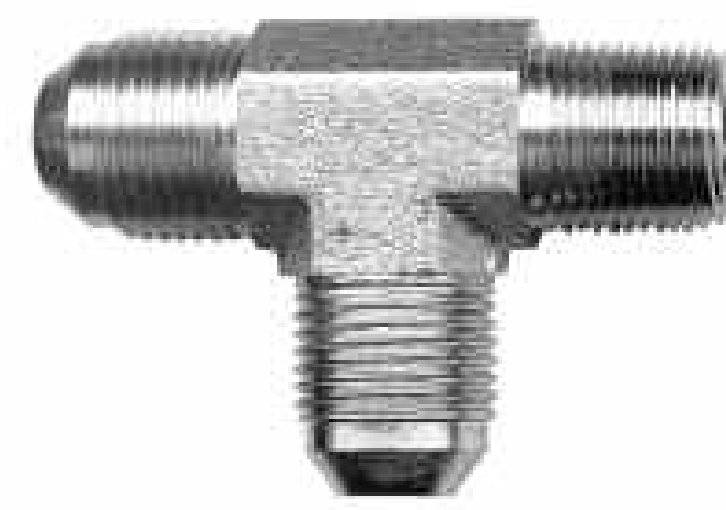
**TEE  
Male JIC  
All Ends**

| PART No. | Tube  | Tube  |
|----------|-------|-------|
| S3744-4  | 1/4   | 1/4   |
| S3744-6  | 3/8   | 3/8   |
| S3744-8  | 1/2   | 1/2   |
| S3744-10 | 5/8   | 5/8   |
| S3744-12 | 3/4   | 3/4   |
| S3744-16 | 1     | 1     |
| S3744-20 | 1-1/4 | 1-1/4 |



**TEE  
Male JIC To  
Male JIC To  
Male Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| S3745-4B  | 1/4  | 1/4  |
| S3745-6B  | 3/8  | 1/4  |
| S3745-6C  | 3/8  | 3/8  |
| S3745-8C  | 1/2  | 3/8  |
| S3745-8D  | 1/2  | 1/2  |
| S3745-12E | 3/4  | 3/4  |
| S3745-16H | 1    | 1    |



**TEE  
Male JIC To  
Male Pipe To  
Tube**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| S3751-4B  | 1/4  | 1/4  |
| S3751-6B  | 3/8  | 1/4  |
| S3751-6C  | 3/8  | 3/8  |
| S3751-6D  | 3/8  | 1/2  |
| S3751-8C  | 1/2  | 3/8  |
| S3751-8D  | 1/2  | 1/2  |
| S3751-8E  | 1/2  | 3/4  |
| S3751-12E | 3/4  | 3/4  |
| S3751-16H | 1    | 1    |



**CROSS  
Male JIC  
All Ends**

| PART No. | Tube |
|----------|------|
| S3752-6  | 3/8  |
| S3752-8  | 1/2  |



**CONTACT US FOR  
CUSTOM MADE  
HYDRAULIC HOSE  
ASSEMBLIES**

A

# STEEL 37° S.A.E. FLARE BULKHEAD ADAPTERS



**BULKHEAD  
UNION  
Male JIC To  
Male JIC**

| PART No. | Tube  |
|----------|-------|
| S3842-4  | 1/4   |
| S3842-6  | 3/8   |
| S3842-8  | 1/2   |
| S3842-10 | 5/8   |
| S3842-12 | 3/4   |
| S3842-16 | 1     |
| S3842-20 | 1-1/4 |



**BULKHEAD  
CONNECTOR  
Tube To  
Female Pipe**

| PART No.  | Tube | Pipe |
|-----------|------|------|
| S3846-4A  | 1/4  | 1/8  |
| S3846-4B  | 1/4  | 1/4  |
| S3846-6C  | 3/8  | 3/8  |
| S3846-8D  | 1/2  | 1/2  |
| S3846-12E | 3/4  | 3/4  |
| S3846-16H | 1    | 1    |



**BULKHEAD  
TEE  
Tube All Ends**

| PART No. | Tube |
|----------|------|
| S3845-4  | 1/4  |
| S3845-6  | 3/8  |
| S3845-8  | 1/2  |
| S3845-12 | 3/4  |



**BULKHEAD  
CONNECTOR  
Tube To Pipe**

| PART No.  | Tube  | Pipe  |
|-----------|-------|-------|
| S3848-4B  | 1/4   | 1/4   |
| S3848-6B  | 3/8   | 1/4   |
| S3848-6C  | 3/8   | 3/8   |
| S3848-8D  | 1/2   | 1/2   |
| S3848-10D | 5/8   | 1/2   |
| S3848-12E | 3/4   | 3/4   |
| S3848-16H | 1     | 1     |
| S3848-20J | 1-1/4 | 1-1/4 |



**45° BULKHEAD  
ELBOW  
Tube To Tube**

| PART No. | Tube |
|----------|------|
| S3854-6  | 3/8  |
| S3854-8  | 1/2  |
| S3854-12 | 3/4  |
| S3854-16 | 1    |



**90° BULKHEAD  
ELBOW  
Tube To Tube**

| PART No. | Tube |
|----------|------|
| S3855-4  | 1/4  |
| S3855-6  | 3/8  |
| S3855-8  | 1/2  |
| S3855-12 | 3/4  |
| S3855-16 | 1    |



**BULKHEAD  
LOCKNUT**

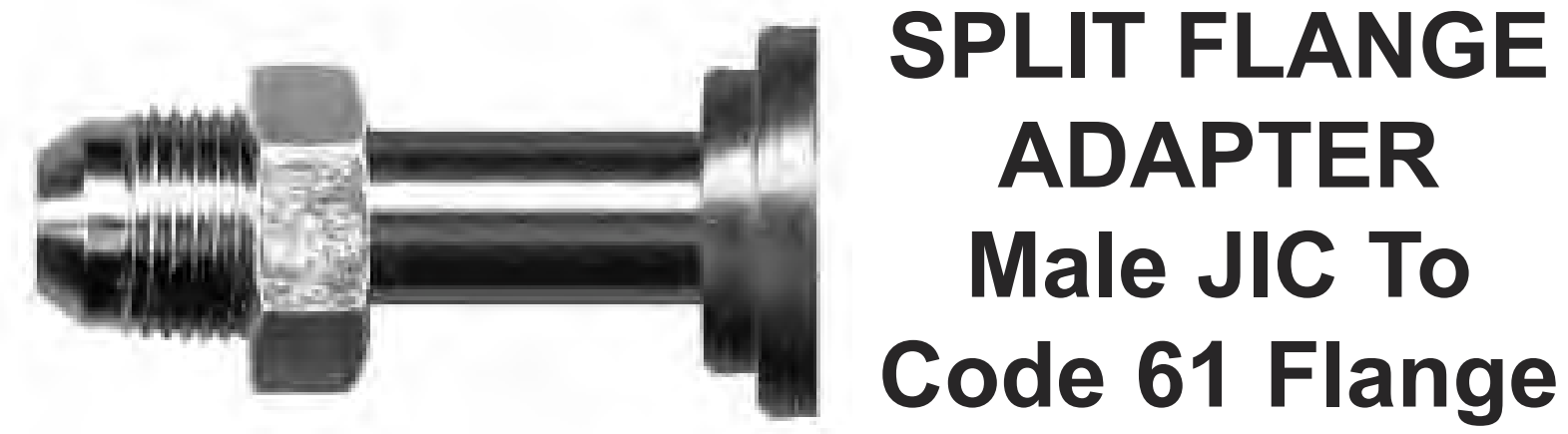
| PART No.  | Tube |
|-----------|------|
| S3831N-4  | 1/4  |
| S3831N-6  | 3/8  |
| S3831N-8  | 1/2  |
| S3831N-12 | 3/4  |
| S3831N-16 | 1    |

**NOTE:  
BULKHEADS COME COMPLETE  
WITH LOCKNUTS**



A

## (CODE 61 MAXIMUM WORKING PRESSURE 3000 PSI)



**SPLIT FLANGE ADAPTER**  
Male JIC To  
Code 61 Flange

| PART No.     | Tube | Split Flange |
|--------------|------|--------------|
| S3700BT-1212 | 3/4  | 3/4          |
| S3700BT-1216 | 3/4  | 1            |
| S3700BT-1616 | 1    | 1            |



**90° ELBOW SPLIT FLANGE**  
Male JIC To  
Code 61 Flange

| PART No.     | Tube  | Split Flange |
|--------------|-------|--------------|
| S3790BT-1212 | 3/4   | 3/4          |
| S3790BT-1216 | 3/4   | 1            |
| S3790BT-1616 | 1     | 1            |
| S3790BT-1620 | 1     | 1-1/4        |
| S3790BT-2424 | 1-1/2 | 1-1/2        |
| S3790BT-2432 | 1-1/2 | 2            |



**45° ELBOW SPLIT FLANGE**  
Male JIC To  
Code 61 Flange

| PART No.     | Tube | Split Flange |
|--------------|------|--------------|
| S3740BT-812  | 1/2  | 3/4          |
| S3740BT-1212 | 3/4  | 3/4          |
| S3740BT-1616 | 1    | 1            |



**HALVES KIT**  
Code 61 Split Flange

\*\* Includes Bolts, Lock Washers and O-Ring.

| PART No. | Flange Size | Head Size |
|----------|-------------|-----------|
| SFK61-12 | 3/4         | 1.50      |
| SFK61-16 | 1           | 1.75      |
| SFK61-20 | 1-1/4       | 2.00      |
| SFK61-24 | 1-1/2       | 2.38      |
| SFK61-32 | 2           | 2.81      |



**FLANGE PAD KIT**  
Code 61 Female Pipe

\*\* Includes Bolts, Lock Washers and O-Ring.

| PART No.     | Pipe  | Pad Size |
|--------------|-------|----------|
| SFPK2661-16H | 1     | 1        |
| SFPK2661-20J | 1-1/4 | 1-1/4    |
| SFPK2661-24K | 1-1/2 | 1-1/2    |
| SFPK2661-32M | 2     | 2        |



**BUNA-N SPLIT FLANGE O-Ring**

| PART No. | Flange Size | Dia.  |
|----------|-------------|-------|
| SFO-12   | 3/4         | .984  |
| SFO-16   | 1           | 1.296 |
| SFO-20   | 1-1/4       | 1.484 |
| SFO-24   | 1-1/2       | 1.859 |
| SFO-32   | 2           | 2.234 |

## (CODE 62 MAXIMUM WORKING PRESSURE 6000 PSI)



**SPLIT FLANGE ADAPTER**  
Male JIC To  
Code 62 Flange

| PART No.       | Tube | Split Flange |
|----------------|------|--------------|
| S3700BT62-1212 | 3/4  | 3/4          |
| S3700BT62-1616 | 1    | 1            |



**HALVES KIT**  
Code 62 Split Flange

\*\* Includes Bolts, Lock Washers and O-Ring.

| PART No. | Flange Size | Head Size |
|----------|-------------|-----------|
| SFK62-12 | 3/4         | 1.63      |
| SFK62-16 | 1           | 1.88      |
| SFK62-20 | 1-1/4       | 2.12      |



**90° ELBOW SPLIT FLANGE**  
Male JIC To  
Code 62 Flange

| PART No.       | Tube  | Split Flange |
|----------------|-------|--------------|
| S3790BT62-1212 | 3/4   | 3/4          |
| S3790BT62-1216 | 3/4   | 1            |
| S3790BT62-1616 | 1     | 1            |
| S3790BT62-1620 | 1     | 1-1/4        |
| S3790BT62-2020 | 1-1/4 | 1-1/4        |



**BUNA-N SPLIT FLANGE O-Ring**

| PART No. | Flange Size | Dia.  |
|----------|-------------|-------|
| SFO-12   | 3/4         | .984  |
| SFO-16   | 1           | 1.296 |
| SFO-20   | 1-1/4       | 1.484 |
| SFO-24   | 1-1/2       | 1.859 |
| SFO-32   | 2           | 2.234 |



# STEEL S.A.E. O-RING BOSS ADAPTERS (BUNA-N O-RING STANDARD)



A



**CONNECTOR  
Male O-Ring To  
Female Pipe**

| PART No.  | O-Ring      | Pipe  |
|-----------|-------------|-------|
| S3620-4A  | 7/16 - 20   | 1/8   |
| S3620-4B  | 7/16 - 20   | 1/4   |
| S3620-5A  | 1/2 - 20    | 1/8   |
| S3620-5B  | 1/2 - 20    | 1/4   |
| S3620-6A  | 9/16 - 18   | 1/8   |
| S3620-6B  | 9/16 - 18   | 1/4   |
| S3620-6C  | 9/16 - 18   | 3/8   |
| S3620-6D  | 9/16 - 18   | 1/2   |
| S3620-8C  | 3/4 - 16    | 3/8   |
| S3620-8D  | 3/4 - 16    | 1/2   |
| S3620-10C | 7/8 - 14    | 3/8   |
| S3620-10D | 7/8 - 14    | 1/2   |
| S3620-10E | 7/8 - 14    | 3/4   |
| S3620-12D | 1-1/16 - 12 | 1/2   |
| S3620-12E | 1-1/16 - 12 | 3/4   |
| S3620-16E | 1-5/16 - 12 | 3/4   |
| S3620-16H | 1-5/16 - 12 | 1     |
| S3620-20E | 1-5/8 - 12  | 3/4   |
| S3620-20J | 1-5/8 - 12  | 1-1/4 |



**CONNECTOR  
MALE O-RING  
TO FEMALE  
O-RING**

| PART No.   | Male        | Female      |
|------------|-------------|-------------|
| S3623-4    | 7/16 - 20   | 7/16 - 20   |
| S3623-6    | 9/16 - 18   | 9/16 - 18   |
| S3623-64   | 9/16 - 18   | 7/16 - 20   |
| S3623-68   | 9/16 - 18   | 3/4 - 16    |
| S3623-8    | 3/4 - 16    | 3/4 - 16    |
| S3623-84   | 3/4 - 16    | 7/16 - 20   |
| S3623-86   | 3/4 - 16    | 9/16 - 18   |
| S3623-810  | 3/4 - 16    | 7/8 - 14    |
| S3623-106  | 7/8 - 14    | 9/16 - 18   |
| S3623-108  | 7/8 - 14    | 3/4 - 16    |
| S3623-1012 | 7/8 - 14    | 1-1/16 - 12 |
| S3623-128  | 1-1/16 - 12 | 3/4 - 16    |
| S3623-1210 | 1-1/16 - 12 | 7/8 - 14    |
| S3623-1612 | 1-5/16 - 12 | 1-1/16 - 12 |
| S3623-2016 | 1-5/8 - 12  | 1-5/16 - 12 |
| S3623-2416 | 1-7/8 - 12  | 1-5/16 - 12 |



**CONNECTOR  
(LONG STYLE)  
Tube To  
Male O-Ring**

| PART No. | Tube | O-Ring    |
|----------|------|-----------|
| S3648L-6 | 3/8  | 9/16 - 18 |
| S3648L-8 | 1/2  | 3/4 - 16  |



**UNION  
Male O-Ring To  
Male O-Ring**

| PART No. | O-Ring      |
|----------|-------------|
| S3642-6  | 9/16 - 18   |
| S3642-8  | 3/4 - 16    |
| S3642-12 | 1-1/16 - 12 |
| S3642-16 | 1-5/16 - 12 |
| S3642-20 | 1-5/8 - 12  |



**CONNECTOR  
Male O-Ring To  
Male Pipe**

| PART No.  | O-Ring      | Pipe  |
|-----------|-------------|-------|
| S3622-4B  | 7/16 - 20   | 1/4   |
| S3622-6B  | 9/16 - 18   | 1/4   |
| S3622-6C  | 9/16 - 18   | 3/8   |
| S3622-6D  | 9/16 - 18   | 1/2   |
| S3622-8B  | 3/4 - 16    | 1/4   |
| S3622-8C  | 3/4 - 16    | 3/8   |
| S3622-8D  | 3/4 - 16    | 1/2   |
| S3622-10C | 7/8 - 14    | 3/8   |
| S3622-10D | 7/8 - 14    | 1/2   |
| S3622-12D | 1-1/16 - 12 | 1/2   |
| S3622-12E | 1-1/16 - 12 | 3/4   |
| S3622-16H | 1-5/16 - 12 | 1     |
| S3622-20J | 1-5/8 - 12  | 1-1/4 |



**CONNECTOR  
Tube To  
Male O-Ring**

| PART No.   | Tube  | O-Ring      |
|------------|-------|-------------|
| S3648-4    | 1/4   | 7/16 - 20   |
| S3648-43   | 1/4   | 3/8 - 24    |
| S3648-45   | 1/4   | 1/2 - 20    |
| S3648-46   | 1/4   | 9/16 - 18   |
| S3648-48   | 1/4   | 3/4 - 16    |
| S3648-6    | 3/8   | 9/16 - 18   |
| S3648-64   | 3/8   | 7/16 - 20   |
| S3648-65   | 3/8   | 1/2 - 20    |
| S3648-68   | 3/8   | 3/4 - 16    |
| S3648-610  | 3/8   | 7/8 - 14    |
| S3648-612  | 3/8   | 1-1/16 - 12 |
| S3648-8    | 1/2   | 3/4 - 16    |
| S3648-84   | 1/2   | 7/16 - 20   |
| S3648-85   | 1/2   | 1/2 - 20    |
| S3648-86   | 1/2   | 9/16 - 18   |
| S3648-810  | 1/2   | 7/8 - 14    |
| S3648-812  | 1/2   | 1-1/16 - 12 |
| S3648-816  | 1/2   | 1-5/16 - 12 |
| S3648-10   | 5/8   | 7/8 - 14    |
| S3648-108  | 5/8   | 3/4 - 16    |
| S3648-1012 | 5/8   | 1-1/16 - 12 |
| S3648-12   | 3/4   | 1-1/16 - 12 |
| S3648-128  | 3/4   | 3/4 - 16    |
| S3648-1210 | 3/4   | 7/8 - 14    |
| S3648-1216 | 3/4   | 1-5/16 - 12 |
| S3648-1220 | 3/4   | 1-5/8 - 12  |
| S3648-16   | 1     | 1-5/16 - 12 |
| S3648-1610 | 1     | 7/8 - 14    |
| S3648-1612 | 1     | 1-1/16 - 12 |
| S3648-1620 | 1     | 1-5/8 - 12  |
| S3648-1624 | 1     | 1-7/8 - 12  |
| S3648-20   | 1-1/4 | 1-5/8 - 12  |
| S3648-2016 | 1-1/4 | 1-5/16 - 12 |
| S3648-2024 | 1-1/4 | 1-7/8 - 12  |
| S3648-24   | 1-1/2 | 1-7/8 - 12  |
| S3648-2420 | 1-1/2 | 1-5/8 - 12  |
| S3648-32   | 2     | 2-1/2 - 12  |



**PLUG  
Counter Sunk  
Hex**

| PART No. | O-Ring      |
|----------|-------------|
| S3618-2  | 5/16 - 24   |
| S3618-4  | 7/16 - 20   |
| S3618-5  | 1/2 - 20    |
| S3618-6  | 9/16 - 18   |
| S3618-8  | 3/4 - 16    |
| S3618-10 | 7/8 - 14    |
| S3618-12 | 1-1/16 - 12 |
| S3618-16 | 1-5/16 - 12 |



**CONNECTOR  
Female O-Ring  
To Male Pipe**

| PART No.   | O-Ring      | Pipe |
|------------|-------------|------|
| S3622F-4B  | 7/16 - 20   | 1/4  |
| S3622F-6B  | 9/16 - 18   | 1/4  |
| S3622F-6C  | 9/16 - 18   | 3/8  |
| S3622F-6D  | 9/16 - 18   | 1/2  |
| S3622F-8D  | 3/4 - 16    | 1/2  |
| S3622F-10D | 7/8 - 14    | 1/2  |
| S3622F-12E | 1-1/16 - 12 | 3/4  |



**PLUG  
Hex  
Head**

| PART No. | O-Ring      |
|----------|-------------|
| S3621-4  | 7/16 - 20   |
| S3621-5  | 1/2 - 20    |
| S3621-6  | 9/16 - 18   |
| S3621-8  | 3/4 - 16    |
| S3621-10 | 7/8 - 14    |
| S3621-12 | 1-1/16 - 12 |
| S3621-14 | 1-3/16 - 12 |
| S3621-16 | 1-5/16 - 12 |
| S3621-20 | 1-5/8 - 12  |
| S3621-24 | 1-7/8 - 12  |
| S3621-32 | 2-1/2 - 12  |



# STEEL S.A.E. O-RING BOSS ADAPTERS

(BUNA-N O-RING STANDARD)

A



**90° ELBOW  
Male O-Ring To  
Female Pipe**

| PART No.  | O-Ring      | Pipe  |
|-----------|-------------|-------|
| S3616-6B  | 9/16 - 18   | 1/4   |
| S3616-8C  | 3/4 - 16    | 3/8   |
| S3616-8D  | 3/4 - 16    | 1/2   |
| S3616-10D | 7/8 - 14    | 1/2   |
| S3616-12E | 1-1/16 - 12 | 3/4   |
| S3616-16H | 1-5/16 - 12 | 1     |
| S3616-20J | 1-5/8 - 12  | 1-1/4 |



**90° ELBOW  
Tube To  
Male O-Ring**

| PART No.   | Tube  | O-Ring      |
|------------|-------|-------------|
| S3649-4    | 1/4   | 7/16 - 20   |
| S3649-45   | 1/4   | 1/2 - 20    |
| S3649-46   | 1/4   | 9/16 - 18   |
| S3649-48   | 1/4   | 3/4 - 16    |
| S3649-6    | 3/8   | 9/16 - 18   |
| S3649-64   | 3/8   | 7/16 - 20   |
| S3649-65   | 3/8   | 1/2 - 20    |
| S3649-68   | 3/8   | 3/4 - 16    |
| S3649-610  | 3/8   | 7/8 - 14    |
| S3649-8    | 1/2   | 3/4 - 16    |
| S3649-86   | 1/2   | 9/16 - 18   |
| S3649-810  | 1/2   | 7/8 - 14    |
| S3649-812  | 1/2   | 1-1/16 - 12 |
| S3649-10   | 5/8   | 7/8 - 14    |
| S3649-108  | 5/8   | 3/4 - 16    |
| S3649-1012 | 5/8   | 1-1/16 - 12 |
| S3649-12   | 3/4   | 1-1/16 - 12 |
| S3649-128  | 3/4   | 3/4 - 16    |
| S3649-1210 | 3/4   | 7/8 - 14    |
| S3649-1216 | 3/4   | 1-5/16 - 12 |
| S3649-1220 | 3/4   | 1-5/8 - 12  |
| S3649-16   | 1     | 1-5/16 - 12 |
| S3649-1612 | 1     | 1-1/16 - 12 |
| S3649-1620 | 1     | 1-5/8 - 12  |
| S3649-20   | 1-1/4 | 1-5/8 - 12  |
| S3649-2016 | 1-1/4 | 1-5/16 - 12 |
| S3649-2024 | 1-1/4 | 1-7/8 - 12  |
| S3649-24   | 1-1/2 | 1-7/8 - 12  |
| S3649-32   | 2     | 2-1/2 - 12  |



**90° ELBOW  
(EXTRA LONG  
STYLE)  
Tube To  
Male O-Ring**

| PART No.  | Tube | O-Ring    |
|-----------|------|-----------|
| S3649EL-6 | 3/8  | 9/16 - 18 |
| S3649EL-8 | 1/2  | 3/4 - 16  |



**90° ELBOW  
Male O-Ring To  
Male O-Ring**

| PART No. | O-Ring    |
|----------|-----------|
| S3655-6  | 9/16 - 18 |



**90° ELBOW  
Male O-Ring To  
Male Pipe**

| PART No.  | O-Ring      | Pipe |
|-----------|-------------|------|
| S3699-6B  | 9/16 - 18   | 1/4  |
| S3699-8C  | 3/4 - 16    | 3/8  |
| S3699-8D  | 3/4 - 16    | 1/2  |
| S3699-10D | 7/8 - 14    | 1/2  |
| S3699-12E | 1-1/16 - 12 | 3/4  |
| S3699-16H | 1-5/16 - 12 | 1    |



**45° ELBOW  
Tube To  
Male O-Ring**

| PART No.   | Tube  | O-Ring      |
|------------|-------|-------------|
| S3654-4    | 1/4   | 7/16 - 20   |
| S3654-6    | 3/8   | 9/16 - 18   |
| S3654-68   | 3/8   | 3/4 - 16    |
| S3654-8    | 1/2   | 3/4 - 16    |
| S3654-86   | 1/2   | 9/16 - 18   |
| S3654-810  | 1/2   | 7/8 - 14    |
| S3654-10   | 5/8   | 7/8 - 14    |
| S3654-108  | 5/8   | 3/4 - 16    |
| S3654-1012 | 5/8   | 1-1/16 - 12 |
| S3654-12   | 3/4   | 1-1/16 - 12 |
| S3654-1210 | 3/4   | 7/8 - 14    |
| S3654-1216 | 3/4   | 1-5/16 - 12 |
| S3654-16   | 1     | 1-5/16 - 12 |
| S3654-1612 | 1     | 1-1/16 - 12 |
| S3654-1620 | 1     | 1-5/8 - 12  |
| S3654-20   | 1-1/4 | 1-5/8 - 12  |



**TEE  
Tube To Tube To  
Male O-Ring**

| PART No.  | Tube  | O-Ring      |
|-----------|-------|-------------|
| S3645-4   | 1/4   | 7/16 - 20   |
| S3645-6   | 3/8   | 9/16 - 18   |
| S3645-8   | 1/2   | 3/4 - 16    |
| S3645-86  | 1/2   | 9/16 - 18   |
| S3645-810 | 1/2   | 7/8 - 14    |
| S3645-10  | 5/8   | 7/8 - 14    |
| S3645-12  | 3/4   | 1-1/16 - 12 |
| S3645-16  | 1     | 1-5/16 - 12 |
| S3645-20  | 1-1/4 | 1-5/8 - 12  |



**TEE  
Tube To  
Male O-Ring To  
Tube**

| PART No.  | Tube  | O-Ring      |
|-----------|-------|-------------|
| S3651-4   | 1/4   | 7/16 - 20   |
| S3651-6   | 3/8   | 9/16 - 18   |
| S3651-8   | 1/2   | 3/4 - 16    |
| S3651-810 | 1/2   | 7/8 - 14    |
| S3651-10  | 5/8   | 7/8 - 14    |
| S3651-12  | 3/4   | 1-1/16 - 12 |
| S3651-16  | 1     | 1-5/16 - 12 |
| S3651-20  | 1-1/4 | 1-5/8 - 12  |



**BUNA-N  
O-RING**

| PART No.  | O-Ring | Dia.  |
|-----------|--------|-------|
| S3631R-2  | 1/8    | .239  |
| S3631R-3  | 3/16   | .301  |
| S3631R-4  | 1/4    | .351  |
| S3631R-5  | 5/16   | .414  |
| S3631R-6  | 3/8    | .468  |
| S3631R-8  | 1/2    | .644  |
| S3631R-10 | 5/8    | .755  |
| S3631R-12 | 3/4    | .924  |
| S3631R-14 | 7/8    | 1.048 |
| S3631R-16 | 1      | 1.171 |
| S3631R-20 | 1-1/4  | 1.475 |
| S3631R-24 | 1-1/2  | 1.720 |
| S3631R-32 | 2      | 2.234 |



# STEEL O-RING FACE SEAL ADAPTERS

(BUNA-N O-RING STANDARD)



A



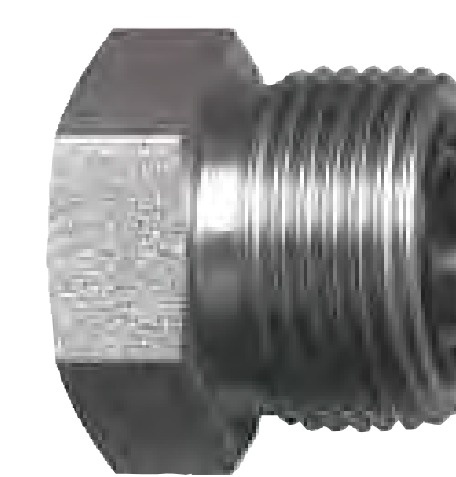
**CONNECTOR  
Female O-Ring  
Face Seal To  
Male O-Ring  
Face Seal**

| PART No.   | ORFS        |             |
|------------|-------------|-------------|
|            | Female      | Male        |
| S3935-86   | 13/16 - 16  | 11/16 - 16  |
| S3935-1012 | 1 - 14      | 1-3/16 - 12 |
| S3935-126  | 1-3/16 - 12 | 11/16 - 16  |
| S3935-128  | 1-3/16 - 12 | 13/16 - 16  |
| S3935-1210 | 1-3/16 - 12 | 1 - 14      |
| S3935-1612 | 1-7/16 - 12 | 1-3/16 - 12 |



**CONNECTOR  
O-Ring Face Seal  
To Male  
O-Ring Boss**

| PART No.   | ORFS         |             | O-Ring |
|------------|--------------|-------------|--------|
|            | ORFS         | O-Ring      |        |
| S3968-4    | 9/16 - 18    | 7/16 - 20   |        |
| S3968-46   | 9/16 - 18    | 9/16 - 18   |        |
| S3968-6    | 11/16 - 16   | 9/16 - 18   |        |
| S3968-68   | 11/16 - 16   | 3/4 - 16    |        |
| S3968-610  | 11/16 - 16   | 7/8 - 14    |        |
| S3968-8    | 13/16 - 16   | 3/4 - 16    |        |
| S3968-86   | 13/16 - 16   | 9/16 - 18   |        |
| S3968-810  | 13/16 - 16   | 7/8 - 14    |        |
| S3968-10   | 1 - 14       | 7/8 - 14    |        |
| S3968-12   | 1-3/16 - 12  | 1-1/16 - 12 |        |
| S3968-1216 | 1-3/16 - 12  | 1-5/16 - 12 |        |
| S3968-16   | 1-7/16 - 12  | 1-5/16 - 12 |        |
| S3968-1612 | 1-7/16 - 12  | 1-1/16 - 12 |        |
| S3968-20   | 1-11/16 - 12 | 1-5/8 - 12  |        |
| S3968-2016 | 1-11/16 - 12 | 1-5/16 - 12 |        |



**PLUG  
O-Ring Face  
Seal**

| PART No. | ORFS         |        |
|----------|--------------|--------|
|          | ORFS         | O-Ring |
| S3958-4  | 9/16 - 18    |        |
| S3958-6  | 11/16 - 16   |        |
| S3958-8  | 13/16 - 16   |        |
| S3958-10 | 1 - 14       |        |
| S3958-12 | 1-3/16 - 12  |        |
| S3958-16 | 1-7/16 - 12  |        |
| S3958-20 | 1-11/16 - 12 |        |
| S3958-24 | 2 - 12       |        |



**UNION  
O-Ring Face  
Seal**

| PART No. | ORFS        |        |
|----------|-------------|--------|
|          | ORFS        | O-Ring |
| S3942-6  | 1-1/16 - 16 |        |
| S3942-8  | 13/16 - 16  |        |
| S3942-10 | 1 - 14      |        |
| S3942-12 | 1-3/16 - 12 |        |
| S3942-16 | 1-7/16 - 12 |        |



**CONNECTOR  
O-Ring Face  
Seal To  
Male JIC**

| PART No. | ORFS        |        | Tube |
|----------|-------------|--------|------|
|          | ORFS        | O-Ring |      |
| S3937-4  | 9/16 - 18   | 1/4    |      |
| S3937-6  | 11/16 - 16  | 3/8    |      |
| S3937-8  | 13/16 - 16  | 1/2    |      |
| S3937-10 | 1 - 14      | 5/8    |      |
| S3937-12 | 1-3/16 - 12 | 3/4    |      |
| S3937-16 | 1-7/16 - 12 | 1      |      |



**CAP  
O-Ring Face  
Seal**

| PART No. | ORFS         |        |
|----------|--------------|--------|
|          | ORFS         | O-Ring |
| S3956-4  | 9/16 - 18    |        |
| S3956-6  | 11/16 - 16   |        |
| S3956-8  | 13/16 - 16   |        |
| S3956-10 | 1 - 14       |        |
| S3956-12 | 1-3/16 - 12  |        |
| S3956-16 | 1-7/16 - 12  |        |
| S3956-20 | 1-11/16 - 12 |        |



**CONNECTOR  
O-Ring Face Seal  
To Male Pipe**

| PART No.  | ORFS        |        | Pipe |
|-----------|-------------|--------|------|
|           | ORFS        | O-Ring |      |
| S3948-4A  | 9/16 - 18   | 1/8    |      |
| S3948-6B  | 11/16 - 16  | 1/4    |      |
| S3948-6C  | 11/16 - 16  | 3/8    |      |
| S3948-8D  | 13/16 - 16  | 1/2    |      |
| S3948-10D | 1 - 14      | 1/2    |      |
| S3948-12E | 1-3/16 - 12 | 3/4    |      |
| S3948-16H | 1-7/16 - 12 | 1      |      |



**CONNECTOR  
Female  
O-Ring Face  
Seal To  
Male JIC**

| PART No.  | ORFS        |        | Tube |
|-----------|-------------|--------|------|
|           | ORFS        | O-Ring |      |
| S3937F-4  | 9/16 - 18   | 1/4    |      |
| S3937F-6  | 11/16 - 16  | 3/8    |      |
| S3937F-8  | 13/16 - 16  | 1/2    |      |
| S3937F-10 | 1 - 14      | 5/8    |      |
| S3937F-12 | 1-3/16 - 12 | 3/4    |      |
| S3937F-16 | 1-7/16 - 12 | 1      |      |



**BULKHEAD  
UNION O-Ring  
Face Seal**

| PART No.  | ORFS       |        |
|-----------|------------|--------|
|           | ORFS       | O-Ring |
| S3942BH-4 | 9/16 - 18  |        |
| S3942BH-6 | 11/16 - 16 |        |



# STEEL O-RING FACE SEAL ADAPTERS

## (BUNA-N O-RING STANDARD)

A



**90° ELBOW  
Male O-Ring  
Face Seal To  
Female O-Ring  
Face Seal**

| PART No. | Male ORFS    | Female ORFS  |
|----------|--------------|--------------|
| S3947-4  | 9/16 - 18    | 9/16 - 18    |
| S3947-6  | 11/16 - 16   | 11/16 - 16   |
| S3947-8  | 13/16 - 16   | 13/16 - 16   |
| S3947-10 | 1 - 14       | 1 - 14       |
| S3947-12 | 1-3/16 - 12  | 1-3/16 - 12  |
| S3947-16 | 1-7/16 - 12  | 1-7/16 - 12  |
| S3947-20 | 1-11/16 - 12 | 1-11/16 - 12 |



**90° ELBOW  
Male O-Ring Face  
Seal To Male  
O-Ring Boss**

| PART No.   | Male ORFS    | Male O-Ring |
|------------|--------------|-------------|
| S3969-4    | 9/16 - 18    | 7/16 - 20   |
| S3969-46   | 9/16 - 18    | 9/16 - 18   |
| S3969-6    | 11/16 - 16   | 9/16 - 18   |
| S3969-68   | 11/16 - 16   | 3/4 - 16    |
| S3969-8    | 13/16 - 16   | 3/4 - 16    |
| S3969-86   | 13/16 - 16   | 9/16 - 18   |
| S3969-810  | 13/16 - 16   | 7/8 - 14    |
| S3969-812  | 13/16 - 16   | 1-1/16 - 12 |
| S3969-10   | 1 - 14       | 7/8 - 14    |
| S3969-108  | 1 - 14       | 3/4 - 16    |
| S3969-12   | 1-3/16 - 12  | 1-1/16 - 12 |
| S3969-1210 | 1-3/16 - 12  | 7/8 - 14    |
| S3969-16   | 1-7/16 - 12  | 1-5/16 - 12 |
| S3969-20   | 1-11/16 - 12 | 1-5/8 - 12  |



**45° ELBOW  
O-Ring Face  
Seal To Male  
O-Ring Boss**

| PART No. | ORFS       | O-Ring    |
|----------|------------|-----------|
| S3974-4  | 9/16 - 18  | 7/16 - 20 |
| S3974-6  | 11/16 - 16 | 9/16 - 18 |
| S3974-8  | 13/16 - 16 | 3/4 - 16  |
| S3974-10 | 1 - 14     | 7/8 - 14  |



**TEE  
Male To Female  
To Male O-Ring  
Face Seal**

| PART No.  | Male ORFS   | Female ORFS |
|-----------|-------------|-------------|
| S3951F-4  | 9/16 - 18   | 9/16 - 18   |
| S3951F-6  | 11/16 - 16  | 11/16 - 16  |
| S3951F-8  | 13/16 - 16  | 13/16 - 16  |
| S3951F-10 | 1 - 14      | 1 - 14      |
| S3951F-12 | 1-3/16 - 12 | 1-3/16 - 12 |
| S3951F-16 | 1-7/16 - 12 | 1-7/16 - 12 |



**BUNA-N  
O-RING  
Face Seal**

| PART No.  | ORFS         | DIA.  |
|-----------|--------------|-------|
| S3931R-4  | 9/16 - 18    | .301  |
| S3931R-6  | 11/16 - 16   | .364  |
| S3931R-8  | 13/16 - 16   | .489  |
| S3931R-10 | 1 - 14       | .614  |
| S3931R-12 | 1-3/16 - 12  | .739  |
| S3931R-16 | 1-7/16 - 12  | .926  |
| S3931R-20 | 1-11/16 - 12 | 1.176 |



**LOCK NUT**

| PART No.  | ORFS        |
|-----------|-------------|
| S3931N-4  | 9/16 - 18   |
| S3931N-6  | 11/16 - 16  |
| S3931N-8  | 13/16 - 16  |
| S3931N-10 | 1 - 14      |
| S3931N-12 | 1-3/16 - 12 |
| S3931N-16 | 1-7/16 - 12 |

**Steel O-Ring Face Seal Fittings (ORFS):**

Steel O-ring face seal adapter fittings use a straight thread and have a machined groove in the face of the male fitting to accept an O-ring (of either Buna N or Viton material). This O-ring is compressed against the flat face of the female fitting for a leak proof connection, and offers excellent leak protection at high pressures.

## STEEL MERCHANT PIPE FITTINGS (Weldable)



**BUSHING**

| PART No.    | Pipe       |
|-------------|------------|
| BI-110MC-CB | 3/8 to 1/4 |
| BI-110MC-DB | 1/2 to 1/4 |
| BI-110MC-DC | 1/2 to 3/8 |
| BI-110MC-EB | 3/4 to 1/4 |
| BI-110MC-EC | 3/4 to 3/8 |
| BI-110MC-ED | 3/4 to 1/2 |



**PLUG  
(Square Head)**

| PART No.   | Pipe |
|------------|------|
| BI-109MC-A | 1/8  |
| BI-109MC-B | 1/4  |
| BI-109MC-C | 3/8  |
| BI-109MC-D | 1/2  |
| BI-109MC-E | 3/4  |
| BI-109MC-H | 1    |



**COUPLING**

| PART No.              | Pipe  |
|-----------------------|-------|
| BI-103MC-A            | 1/8   |
| BI-103MC-B            | 1/4   |
| BI-103MC-C            | 3/8   |
| BI-103MC-C-3000 (psi) | 3/8   |
| BI-103MC-D            | 1/2   |
| BI-103MC-E            | 3/4   |
| BI-103MC-E-3000 (psi) | 3/4   |
| BI-103MC-H            | 1     |
| BI-103MC-J            | 1-1/4 |
| BI-103MC-K            | 1-1/2 |
| BI-103MC-M            | 2     |
| BI-103MC-N            | 2-1/2 |
| BI-103MC-P            | 3     |
| BI-103MC-S            | 4     |



**COUPLING  
(Half Height)**

| PART No.    | Pipe  |
|-------------|-------|
| BI-103HMC-A | 1/8   |
| BI-103HMC-B | 1/4   |
| BI-103HMC-C | 3/8   |
| BI-103HMC-D | 1/2   |
| BI-103HMC-E | 3/4   |
| BI-103HMC-H | 1     |
| BI-103HMC-J | 1-1/4 |
| BI-103HMC-K | 1-1/2 |
| BI-103HMC-M | 2     |



# STEEL S.A.E. PIPE ADAPTERS

A



**COUPLING**  
Female Both  
Ends

| PART No. | Pipe  | Pipe  |
|----------|-------|-------|
| S1003-A  | 1/8   | 1/8   |
| S1003-B  | 1/4   | 1/4   |
| S1003-BA | 1/4   | 1/8   |
| S1003-C  | 3/8   | 3/8   |
| S1003-CA | 3/8   | 1/8   |
| S1003-CB | 3/8   | 1/4   |
| S1003-D  | 1/2   | 1/2   |
| S1003-DB | 1/2   | 1/4   |
| S1003-DC | 1/2   | 3/8   |
| S1003-E  | 3/4   | 3/4   |
| S1003-ED | 3/4   | 1/2   |
| S1003-H  | 1     | 1     |
| S1003-HE | 1     | 3/4   |
| S1003-J  | 1-1/4 | 1-1/4 |
| S1003-K  | 1-1/2 | 1-1/2 |
| S1003-M  | 2     | 2     |



**REDUCER**  
Female To Male  
(Continued)

| PART No. | Female<br>Pipe | Male<br>Pipe |
|----------|----------------|--------------|
| S1020-DC | 1/2            | 3/8          |
| S1020-DD | 1/2            | 1/2          |
| S1020-DE | 1/2            | 3/4          |
| S1020-EB | 3/4            | 1/4          |
| S1020-EC | 3/4            | 3/8          |
| S1020-ED | 3/4            | 1/2          |
| S1020-EE | 3/4            | 3/4          |
| S1020-HD | 1              | 1/2          |
| S1020-HE | 1              | 3/4          |
| S1020-HH | 1              | 1            |
| S1020-JH | 1-1/4          | 1            |
| S1020-KJ | 1-1/2          | 1-1/4        |



**PLUG**  
COUNTER SUNK  
HEX

| PART No. | Pipe  |
|----------|-------|
| S1018-A  | 1/8   |
| S1018-B  | 1/4   |
| S1018-C  | 3/8   |
| S1018-D  | 1/2   |
| S1018-E  | 3/4   |
| S1018-H  | 1     |
| S1018-J  | 1-1/4 |
| S1018-K  | 1-1/2 |
| S1018-M  | 2     |



**BUSHING**  
Male To  
Female

| PART No. | Male<br>Pipe | Female<br>Pipe |
|----------|--------------|----------------|
| S1010-BA | 1/4          | 1/8            |
| S1010-CA | 3/8          | 1/8            |
| S1010-CB | 3/8          | 1/4            |
| S1010-DA | 1/2          | 1/8            |
| S1010-DB | 1/2          | 1/4            |
| S1010-DC | 1/2          | 3/8            |
| S1010-EB | 3/4          | 1/4            |
| S1010-EC | 3/4          | 3/8            |
| S1010-ED | 3/4          | 1/2            |
| S1010-HB | 1            | 1/4            |
| S1010-HC | 1            | 3/8            |
| S1010-HD | 1            | 1/2            |
| S1010-HE | 1            | 3/4            |
| S1010-JD | 1-1/4        | 1/2            |
| S1010-JE | 1-1/4        | 3/4            |
| S1010-JH | 1-1/4        | 1              |
| S1010-KD | 1-1/2        | 1/2            |
| S1010-KE | 1-1/2        | 3/4            |
| S1010-KH | 1-1/2        | 1              |
| S1010-KJ | 1-1/2        | 1-1/4          |
| S1010-ME | 2            | 3/4            |
| S1010-MH | 2            | 1              |
| S1010-MJ | 2            | 1-1/4          |
| S1010-MK | 2            | 1-1/2          |



**HEX NIPPLE**  
Male Both  
Ends

| PART No. | Pipe  | Pipe  |
|----------|-------|-------|
| S1022-A  | 1/8   | 1/8   |
| S1022-B  | 1/4   | 1/4   |
| S1022-BA | 1/4   | 1/8   |
| S1022-C  | 3/8   | 3/8   |
| S1022-CA | 3/8   | 1/8   |
| S1022-CB | 3/8   | 1/4   |
| S1022-D  | 1/2   | 1/2   |
| S1022-DB | 1/2   | 1/4   |
| S1022-DC | 1/2   | 3/8   |
| S1022-E  | 3/4   | 3/4   |
| S1022-EC | 3/4   | 3/8   |
| S1022-ED | 3/4   | 1/2   |
| S1022-H  | 1     | 1     |
| S1022-HD | 1     | 1/2   |
| S1022-HE | 1     | 3/4   |
| S1022-J  | 1-1/4 | 1-1/4 |
| S1022-JH | 1-1/4 | 1     |
| S1022-K  | 1-1/2 | 1-1/2 |
| S1022-KJ | 1-1/2 | 1-1/4 |
| S1022-M  | 2     | 2     |



**PLUG**  
HEX HEAD

| PART No. | Pipe  |
|----------|-------|
| S1021-A  | 1/8   |
| S1021-B  | 1/4   |
| S1021-C  | 3/8   |
| S1021-D  | 1/2   |
| S1021-E  | 3/4   |
| S1021-H  | 1     |
| S1021-J  | 1-1/4 |
| S1021-K  | 1-1/2 |
| S1021-M  | 2     |



**SHORT NIPPLE**

| PART No. | Pipe | Length |
|----------|------|--------|
| S1012-A  | 1/8  | 3/4    |
| S1012-B  | 1/4  | 7/8    |
| S1012-C  | 3/8  | 1      |
| S1012-D  | 1/2  | 1-1/8  |
| S1012-E  | 3/4  | 1-3/8  |
| S1012-H  | 1    | 1-1/2  |



**REDUCER**  
Female To Male

| PART No. | Female<br>Pipe | Male<br>Pipe |
|----------|----------------|--------------|
| S1020-AA | 1/8            | 1/8          |
| S1020-BA | 1/4            | 1/8          |
| S1020-BB | 1/4            | 1/4          |
| S1020-BC | 1/4            | 3/8          |
| S1020-CA | 3/8            | 1/8          |
| S1020-CB | 3/8            | 1/4          |
| S1020-CC | 3/8            | 3/8          |
| S1020-CD | 3/8            | 1/2          |
| S1020-DA | 1/2            | 1/8          |
| S1020-DB | 1/2            | 1/4          |



**PLUG**  
SQUARE  
HEAD

| PART No. | Pipe  |
|----------|-------|
| S1009-A  | 1/8   |
| S1009-B  | 1/4   |
| S1009-C  | 3/8   |
| S1009-D  | 1/2   |
| S1009-E  | 3/4   |
| S1009-H  | 1     |
| S1009-K  | 1-1/2 |



**LONG  
NIPPLE**

| PART No.     | Pipe | Length |
|--------------|------|--------|
| S1013-B1-1/2 | 1/4  | 1-1/2  |
| S1013-B2     | 1/4  | 2      |
| S1013-B2-1/2 | 1/4  | 2-1/2  |
| S1013-B3     | 1/4  | 3      |
| S1013-C2     | 3/8  | 2      |
| S1013-C3     | 3/8  | 3      |
| S1013-C4     | 3/8  | 4      |
| S1013-D1-1/2 | 1/2  | 1-1/2  |
| S1013-D2     | 1/2  | 2      |
| S1013-D3     | 1/2  | 3      |
| S1013-D4     | 1/2  | 4      |
| S1013-E3     | 3/4  | 3      |
| S1013-E4     | 3/4  | 4      |



A



**90° ELBOW  
Female To  
Female**

| PART No. | Pipe  | Pipe  |
|----------|-------|-------|
| S1000-A  | 1/8   | 1/8   |
| S1000-B  | 1/4   | 1/4   |
| S1000-C  | 3/8   | 3/8   |
| S1000-CB | 3/8   | 1/4   |
| S1000-D  | 1/2   | 1/2   |
| S1000-DC | 1/2   | 3/8   |
| S1000-E  | 3/4   | 3/4   |
| S1000-ED | 3/4   | 1/2   |
| S1000-H  | 1     | 1     |
| S1000-J  | 1-1/4 | 1-1/4 |
| S1000-K  | 1-1/2 | 1-1/2 |
| S1000-M  | 2     | 2     |



**90° ELBOW  
Male To Female**

| PART No. | Male<br>Pipe | Female<br>Pipe |
|----------|--------------|----------------|
| S1016-A  | 1/8          | 1/8            |
| S1016-AB | 1/8          | 1/4            |
| S1016-B  | 1/4          | 1/4            |
| S1016-BC | 1/4          | 3/8            |
| S1016-C  | 3/8          | 3/8            |
| S1016-CB | 3/8          | 1/4            |
| S1016-CD | 3/8          | 1/2            |
| S1016-D  | 1/2          | 1/2            |
| S1016-DC | 1/2          | 3/8            |
| S1016-DE | 1/2          | 3/4            |
| S1016-E  | 3/4          | 3/4            |
| S1016-ED | 3/4          | 1/2            |
| S1016-H  | 1            | 1              |
| S1016-J  | 1-1/4        | 1-1/4          |
| S1016-M  | 2            | 2              |



**90° ELBOW  
Female To Male  
Swivel**

| PART No.  | Female<br>Pipe | Male<br>Pipe |
|-----------|----------------|--------------|
| S1016SW-B | 1/4            | 1/4          |
| S1016SW-C | 3/8            | 3/8          |
| S1016SW-D | 1/2            | 1/2          |



**90° ELBOW  
Male To  
Male**

| PART No. | Pipe  | Pipe  |
|----------|-------|-------|
| S1099-A  | 1/8   | 1/8   |
| S1099-B  | 1/4   | 1/4   |
| S1099-C  | 3/8   | 3/8   |
| S1099-CB | 3/8   | 1/4   |
| S1099-D  | 1/2   | 1/2   |
| S1099-DC | 1/2   | 3/8   |
| S1099-E  | 3/4   | 3/4   |
| S1099-ED | 3/4   | 1/2   |
| S1099-H  | 1     | 1     |
| S1099-J  | 1-1/4 | 1-1/4 |
| S1099-K  | 1-1/2 | 1-1/2 |



**45° ELBOW  
Female To  
Female**

| PART No. | Pipe |
|----------|------|
| S1005-B  | 1/4  |
| S1005-C  | 3/8  |
| S1005-D  | 1/2  |
| S1005-E  | 3/4  |
| S1005-H  | 1    |



**45° ELBOW  
Male To  
Male**

| PART No. | Pipe  |
|----------|-------|
| S1005M-B | 1/4   |
| S1005M-C | 3/8   |
| S1005M-D | 1/2   |
| S1005M-E | 3/4   |
| S1005M-H | 1     |
| S1005M-J | 1-1/4 |

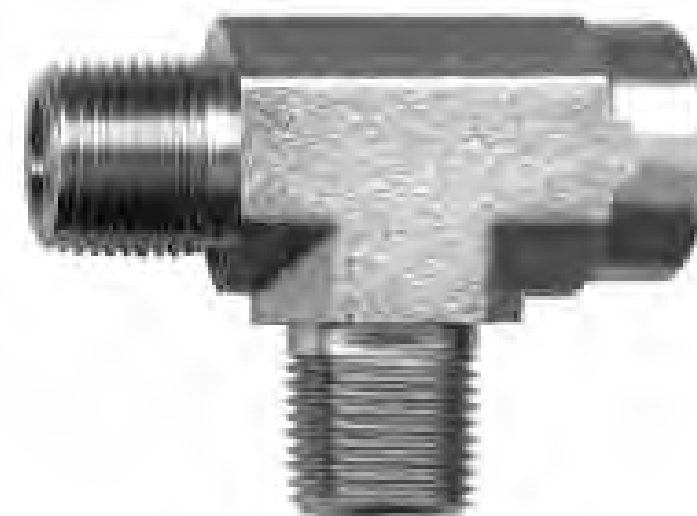
**45° ELBOW  
Male To  
Female**

| PART No. | Male<br>Pipe | Female<br>Pipe |
|----------|--------------|----------------|
| S1024-A  | 1/8          | 1/8            |
| S1024-B  | 1/4          | 1/4            |
| S1024-C  | 3/8          | 3/8            |
| S1024-D  | 1/2          | 1/2            |
| S1024-E  | 3/4          | 3/4            |
| S1024-H  | 1            | 1              |
| S1024-J  | 1-1/4        | 1-1/4          |



**TEE  
Female  
All Ends**

| PART No. | Pipe  |
|----------|-------|
| S1001-A  | 1/8   |
| S1001-B  | 1/4   |
| S1001-C  | 3/8   |
| S1001-D  | 1/2   |
| S1001-E  | 3/4   |
| S1001-H  | 1     |
| S1001-J  | 1-1/4 |
| S1001-K  | 1-1/2 |
| S1001-M  | 2     |



**TEE  
Male To  
Female To  
Male**

| PART No. | Female<br>Pipe | Male<br>Pipe |
|----------|----------------|--------------|
| S1004-B  | 1/4            | 1/4          |
| S1004-C  | 3/8            | 3/8          |
| S1004-D  | 1/2            | 1/2          |
| S1004-E  | 3/4            | 3/4          |
| S1004-H  | 1              | 1            |



**TEE  
Male  
All Ends**

| PART No. | Pipe |
|----------|------|
| S1001M-C | 3/8  |
| S1001M-E | 3/4  |



**TEE  
Female To  
Female To  
Male**

| PART No. | Female<br>Pipe | Male<br>Pipe |
|----------|----------------|--------------|
| S1006-A  | 1/8            | 1/8          |
| S1006-B  | 1/4            | 1/4          |
| S1006-C  | 3/8            | 3/8          |
| S1006-D  | 1/2            | 1/2          |
| S1006-E  | 3/4            | 3/4          |
| S1006-H  | 1              | 1            |



**TEE  
Male To Male  
To Female**

| PART No. | Male<br>Pipe | Female<br>Pipe |
|----------|--------------|----------------|
| S1006M-B | 1/4          | 1/4            |
| S1006M-C | 3/8          | 3/8            |
| S1006M-D | 1/2          | 1/2            |
| S1006M-E | 3/4          | 3/4            |
| S1006M-H | 1            | 1              |



**TEE  
Female To  
Male To  
Female**

| PART No. | Female<br>Pipe | Male<br>Pipe |
|----------|----------------|--------------|
| S1007-A  | 1/8            | 1/8          |
| S1007-B  | 1/4            | 1/4          |
| S1007-C  | 3/8            | 3/8          |
| S1007-D  | 1/2            | 1/2          |
| S1007-E  | 3/4            | 3/4          |
| S1007-H  | 1              | 1            |
| S1007-J  | 1-1/4          | 1-1/4        |



**CROSS  
Female All  
Ends**

| PART No. | Pipe |
|----------|------|
| S1002-B  | 1/4  |
| S1002-C  | 3/8  |
| S1002-D  | 1/2  |
| S1002-E  | 3/4  |
| S1002-H  | 1    |






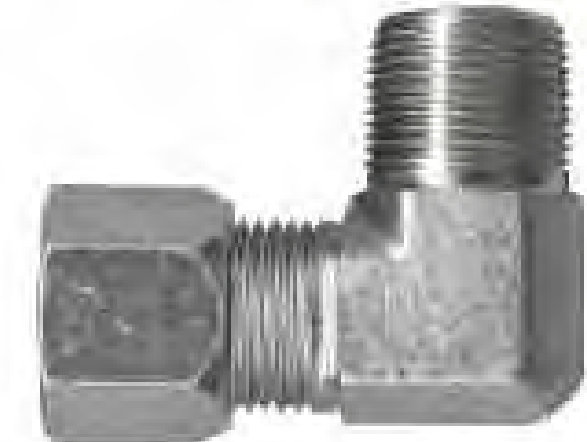
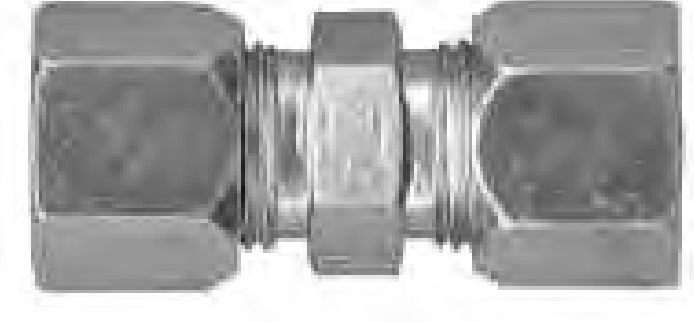
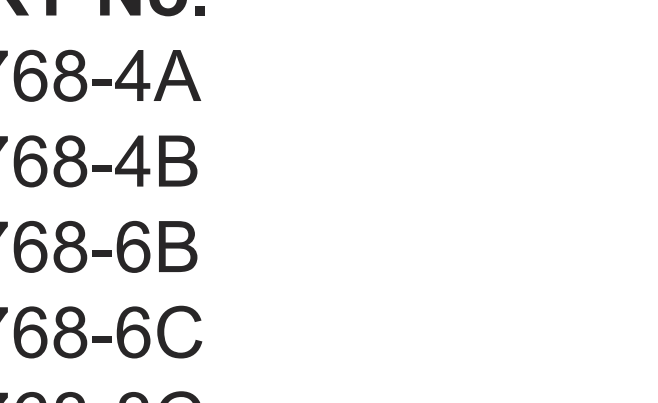



**CAP  
Female**

| PART No. | Pipe |
|----------|------|
| S1008-A  | 1/8  |
| S1008-B  | 1/4  |
| S1008-C  | 3/8  |
| S1008-D  | 1/2  |
| S1008-E  | 3/4  |






# STEEL FLARELESS ADAPTERS

|  <p><b>TUBE SLEEVE</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> </tr> </thead> <tbody> <tr><td>S6760-4</td><td>1/4</td></tr> <tr><td>S6760-6</td><td>3/8</td></tr> <tr><td>S6760-8</td><td>1/2</td></tr> <tr><td>S6760-10</td><td>5/8</td></tr> <tr><td>S6760-16</td><td>1</td></tr> </tbody> </table>                                                                                                | PART No. | Tube | S6760-4 | 1/4  | S6760-6 | 3/8 | S6760-8 | 1/2 | S6760-10 | 5/8 | S6760-16 | 1   |  <p><b>CONNECTOR<br/>Tube To<br/>Female Pipe</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> <th>Pipe</th> </tr> </thead> <tbody> <tr><td>S6766-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>S6766-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>S6766-6B</td><td>3/8</td><td>1/4</td></tr> <tr><td>S6766-6C</td><td>3/8</td><td>3/8</td></tr> <tr><td>S6766-8C</td><td>1/2</td><td>3/8</td></tr> <tr><td>S6766-10D</td><td>5/8</td><td>1/2</td></tr> <tr><td>S6766-12E</td><td>3/4</td><td>3/4</td></tr> <tr><td>S6766-16H</td><td>1</td><td>1</td></tr> </tbody> </table> | PART No. | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Pipe     | S6766-4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1/4      | 1/8      | S6766-4B | 1/4      | 1/4      | S6766-6B | 3/8      | 1/4      | S6766-6C | 3/8      | 3/8      | S6766-8C | 1/2      | 3/8      | S6766-10D | 5/8      | 1/2      | S6766-12E | 3/4      | 3/4       | S6766-16H | 1         | 1         |  <p><b>90° ELBOW<br/>Tube To<br/>Tube</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> </tr> </thead> <tbody> <tr><td>S6765-4</td><td>1/4</td></tr> <tr><td>S6765-6</td><td>3/8</td></tr> <tr><td>S6765-8</td><td>1/2</td></tr> <tr><td>S6765-12</td><td>3/4</td></tr> </tbody> </table> | PART No.  | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | S6765-4  | 1/4       | S6765-6 | 3/8      | S6765-8   | 1/2 | S6765-12 | 3/4       |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|---------|------|---------|-----|---------|-----|----------|-----|----------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|-----------|----------|-----------|-----------|-----------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------|---------|----------|-----------|-----|----------|-----------|-----|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|---------|-----|----------|-----|---------|----------|----------|-----|-----------|-----|-----|-----------|-----|-----|
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6760-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6760-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6760-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/2      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6760-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6760-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1        |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     | Pipe |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5/8      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3/4      | 3/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6766-16H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1        | 1    |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6765-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6765-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6765-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/2      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6765-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
|  <p><b>TUBE NUT</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> </tr> </thead> <tbody> <tr><td>S6761-4</td><td>1/4</td></tr> <tr><td>S6761-6</td><td>3/8</td></tr> <tr><td>S6761-8</td><td>1/2</td></tr> <tr><td>S6761-10</td><td>5/8</td></tr> <tr><td>S6761-12</td><td>3/4</td></tr> <tr><td>S6761-16</td><td>1</td></tr> </tbody> </table>                                                            | PART No. | Tube | S6761-4 | 1/4  | S6761-6 | 3/8 | S6761-8 | 1/2 | S6761-10 | 5/8 | S6761-12 | 3/4 | S6761-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1        |  <p><b>CONNECTOR<br/>Tube To Male<br/>Pipe</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> <th>Pipe</th> </tr> </thead> <tbody> <tr><td>S6769-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>S6769-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>S6769-6B</td><td>3/8</td><td>1/4</td></tr> <tr><td>S6769-6C</td><td>3/8</td><td>3/8</td></tr> <tr><td>S6769-8C</td><td>1/2</td><td>3/8</td></tr> <tr><td>S6769-8D</td><td>1/2</td><td>1/2</td></tr> <tr><td>S6769-10D</td><td>5/8</td><td>1/2</td></tr> <tr><td>S6769-12E</td><td>3/4</td><td>3/4</td></tr> </tbody> </table> | PART No. | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pipe     | S6769-4A | 1/4      | 1/8      | S6769-4B | 1/4      | 1/4      | S6769-6B | 3/8      | 1/4      | S6769-6C | 3/8      | 3/8      | S6769-8C | 1/2       | 3/8      | S6769-8D | 1/2       | 1/2      | S6769-10D | 5/8       | 1/2       | S6769-12E | 3/4                                                                                                                                                                                                                                                                                                                                                                                                | 3/4       |  <p><b>90° ELBOW<br/>Tube To<br/>Male Pipe</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> <th>Pipe</th> </tr> </thead> <tbody> <tr><td>S6769-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>S6769-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>S6769-6B</td><td>3/8</td><td>1/4</td></tr> <tr><td>S6769-6C</td><td>3/8</td><td>3/8</td></tr> <tr><td>S6769-8C</td><td>1/2</td><td>3/8</td></tr> <tr><td>S6769-8D</td><td>1/2</td><td>1/2</td></tr> <tr><td>S6769-10D</td><td>5/8</td><td>1/2</td></tr> <tr><td>S6769-12E</td><td>3/4</td><td>3/4</td></tr> </tbody> </table> | PART No. | Tube      | Pipe    | S6769-4A | 1/4       | 1/8 | S6769-4B | 1/4       | 1/4 | S6769-6B | 3/8                                                                                                                                                                                                                                                                                                                                                                                               | 1/4      | S6769-6C | 3/8     | 3/8 | S6769-8C | 1/2 | 3/8     | S6769-8D | 1/2      | 1/2 | S6769-10D | 5/8 | 1/2 | S6769-12E | 3/4 | 3/4 |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6761-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6761-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6761-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/2      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6761-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6761-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6761-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1        |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     | Pipe |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-8D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5/8      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3/4      | 3/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     | Pipe |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-8D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5/8      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6769-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3/4      | 3/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
|  <p><b>UNION<br/>Tube To<br/>Tube</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> </tr> </thead> <tbody> <tr><td>S6762-3</td><td>3/16</td></tr> <tr><td>S6762-4</td><td>1/4</td></tr> <tr><td>S6762-6</td><td>3/8</td></tr> <tr><td>S6762-8</td><td>1/2</td></tr> <tr><td>S6762-10</td><td>5/8</td></tr> <tr><td>S6762-12</td><td>3/4</td></tr> <tr><td>S6762-16</td><td>1</td></tr> </tbody> </table> | PART No. | Tube | S6762-3 | 3/16 | S6762-4 | 1/4 | S6762-6 | 3/8 | S6762-8  | 1/2 | S6762-10 | 5/8 | S6762-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4      | S6762-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1        |  <p><b>CONNECTOR<br/>Tube To Male<br/>Pipe</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> <th>Pipe</th> </tr> </thead> <tbody> <tr><td>S6768-4A</td><td>1/4</td><td>1/8</td></tr> <tr><td>S6768-4B</td><td>1/4</td><td>1/4</td></tr> <tr><td>S6768-6B</td><td>3/8</td><td>1/4</td></tr> <tr><td>S6768-6C</td><td>3/8</td><td>3/8</td></tr> <tr><td>S6768-8C</td><td>1/2</td><td>3/8</td></tr> <tr><td>S6768-8D</td><td>1/2</td><td>1/2</td></tr> <tr><td>S6768-10C</td><td>5/8</td><td>3/8</td></tr> <tr><td>S6768-10D</td><td>5/8</td><td>1/2</td></tr> <tr><td>S6768-12D</td><td>3/4</td><td>1/2</td></tr> <tr><td>S6768-12E</td><td>3/4</td><td>3/4</td></tr> <tr><td>S6768-16H</td><td>1</td><td>1</td></tr> </tbody> </table> | PART No. | Tube     | Pipe     | S6768-4A | 1/4      | 1/8      | S6768-4B | 1/4      | 1/4      | S6768-6B | 3/8      | 1/4      | S6768-6C | 3/8      | 3/8       | S6768-8C | 1/2      | 3/8       | S6768-8D | 1/2       | 1/2       | S6768-10C | 5/8       | 3/8                                                                                                                                                                                                                                                                                                                                                                                                | S6768-10D | 5/8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1/2      | S6768-12D | 3/4     | 1/2      | S6768-12E | 3/4 | 3/4      | S6768-16H | 1   | 1        |  <p><b>TEE<br/>Tube<br/>Three Ends</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>Tube</th> </tr> </thead> <tbody> <tr><td>S6764-4</td><td>1/4</td></tr> <tr><td>S6764-6</td><td>3/8</td></tr> <tr><td>S6764-8</td><td>1/2</td></tr> <tr><td>S6764-10</td><td>5/8</td></tr> </tbody> </table> | PART No. | Tube     | S6764-4 | 1/4 | S6764-6  | 3/8 | S6764-8 | 1/2      | S6764-10 | 5/8 |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3/16     |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/2      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6762-16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1        |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     | Pipe |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-4A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/4      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 1/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-8D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-10C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5/8      | 3/8  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 5/8      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-12D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3/4      | 1/2  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3/4      | 3/4  |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6768-16H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1        | 1    |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube     |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6764-4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/4      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6764-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 3/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6764-8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/2      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |
| S6764-10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5/8      |      |         |      |         |     |         |     |          |     |          |     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |          |          |          |          |          |          |          |          |          |          |          |          |          |           |          |          |           |          |           |           |           |           |                                                                                                                                                                                                                                                                                                                                                                                                    |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |           |         |          |           |     |          |           |     |          |                                                                                                                                                                                                                                                                                                                                                                                                   |          |          |         |     |          |     |         |          |          |     |           |     |     |           |     |     |

A

## O-RING BOSS TO NPSM (BUNA-N O-RING STANDARD)

|  <p><b>CONNECTOR<br/>Male O-Ring To<br/>NPSM Swivel</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>O-Ring</th> <th>Swivel</th> </tr> </thead> <tbody> <tr><td>SO1120-4B</td><td>7/16 - 20</td><td>1/4</td></tr> <tr><td>SO1120-6B</td><td>9/16 - 18</td><td>1/4</td></tr> <tr><td>SO1120-6C</td><td>9/16 - 18</td><td>3/8</td></tr> <tr><td>SO1120-6D</td><td>9/16 - 18</td><td>1/2</td></tr> <tr><td>SO1120-8B</td><td>3/4 - 16</td><td>1/4</td></tr> <tr><td>SO1120-8C</td><td>3/4 - 16</td><td>3/8</td></tr> <tr><td>SO1120-8D</td><td>3/4 - 16</td><td>1/2</td></tr> <tr><td>SO1120-8E</td><td>3/4 - 16</td><td>3/4</td></tr> <tr><td>SO1120-10C</td><td>7/8 - 14</td><td>3/8</td></tr> <tr><td>SO1120-10D</td><td>7/8 - 14</td><td>1/2</td></tr> <tr><td>SO1120-10E</td><td>7/8 - 14</td><td>3/4</td></tr> <tr><td>SO1120-12D</td><td>1-1/16 - 12</td><td>1/2</td></tr> <tr><td>SO1120-12E</td><td>1-1/16 - 12</td><td>3/4</td></tr> <tr><td>SO1120-16E</td><td>1-5/16 - 12</td><td>3/4</td></tr> <tr><td>SO1120-16H</td><td>1-5/16 - 12</td><td>1</td></tr> </tbody> </table> | PART No.    | O-Ring | Swivel | SO1120-4B | 7/16 - 20 | 1/4 | SO1120-6B | 9/16 - 18 | 1/4 | SO1120-6C | 9/16 - 18 | 3/8 | SO1120-6D | 9/16 - 18 | 1/2 | SO1120-8B | 3/4 - 16 | 1/4 | SO1120-8C | 3/4 - 16 | 3/8 | SO1120-8D | 3/4 - 16 | 1/2 | SO1120-8E | 3/4 - 16 | 3/4 | SO1120-10C | 7/8 - 14 | 3/8 | SO1120-10D | 7/8 - 14 | 1/2 | SO1120-10E | 7/8 - 14 | 3/4 | SO1120-12D | 1-1/16 - 12 | 1/2 | SO1120-12E | 1-1/16 - 12 | 3/4 | SO1120-16E | 1-5/16 - 12 | 3/4 | SO1120-16H | 1-5/16 - 12 | 1 |  <p><b>90° ELBOW<br/>Male O-Ring To<br/>NPSM Swivel</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>O-Ring</th> <th>Swivel</th> </tr> </thead> <tbody> <tr><td>SO1116-4B</td><td>7/16 - 20</td><td>1/4</td></tr> <tr><td>SO1116-6B</td><td>9/16 - 18</td><td>1/4</td></tr> <tr><td>SO1116-6C</td><td>9/16 - 18</td><td>3/8</td></tr> <tr><td>SO1116-6D</td><td>9/16 - 18</td><td>1/2</td></tr> <tr><td>SO1116-8C</td><td>3/4 - 16</td><td>3/8</td></tr> <tr><td>SO1116-8D</td><td>3/4 - 16</td><td>1/2</td></tr> <tr><td>SO1116-8E</td><td>3/4 - 16</td><td>3/4</td></tr> <tr><td>SO1116-10C</td><td>7/8 - 14</td><td>3/8</td></tr> <tr><td>SO1116-10D</td><td>7/8 - 14</td><td>1/2</td></tr> <tr><td>SO1116-10E</td><td>7/8 - 14</td><td>3/4</td></tr> <tr><td>SO1116-12D</td><td>1-1/16 - 12</td><td>1/2</td></tr> <tr><td>SO1116-12E</td><td>1-1/16 - 12</td><td>3/4</td></tr> <tr><td>SO1116-16E</td><td>1-5/16 - 12</td><td>3/4</td></tr> <tr><td>SO1116-16H</td><td>1-5/16 - 12</td><td>1</td></tr> <tr><td>SO1116-20J</td><td>1-5/8 - 12</td><td>1-1/4</td></tr> </tbody> </table> | PART No. | O-Ring | Swivel | SO1116-4B | 7/16 - 20 | 1/4 | SO1116-6B | 9/16 - 18 | 1/4 | SO1116-6C | 9/16 - 18 | 3/8 | SO1116-6D | 9/16 - 18 | 1/2 | SO1116-8C | 3/4 - 16 | 3/8 | SO1116-8D | 3/4 - 16 | 1/2 | SO1116-8E | 3/4 - 16 | 3/4 | SO1116-10C | 7/8 - 14 | 3/8 | SO1116-10D | 7/8 - 14 | 1/2 | SO1116-10E | 7/8 - 14 | 3/4 | SO1116-12D | 1-1/16 - 12 | 1/2 | SO1116-12E | 1-1/16 - 12 | 3/4 | SO1116-16E | 1-5/16 - 12 | 3/4 | SO1116-16H | 1-5/16 - 12 | 1 | SO1116-20J | 1-5/8 - 12 | 1-1/4 |  <p><b>45° ELBOW<br/>Male O-Ring To<br/>NPSM Swivel</b></p> <table border="1"> <thead> <tr> <th>PART No.</th> <th>O-Ring</th> <th>Swivel</th> </tr> </thead> <tbody> <tr><td>SO1124-4B</td><td>7/16 - 20</td><td>1/4</td></tr> <tr><td>SO1124-6B</td><td>9/16 - 18</td><td>1/4</td></tr> <tr><td>SO1124-6C</td><td>9/16 - 18</td><td>3/8</td></tr> <tr><td>SO1124-8C</td><td>3/4 - 16</td><td>3/8</td></tr> <tr><td>SO1124-8D</td><td>3/4 - 16</td><td>1/2</td></tr> <tr><td>SO1124-10D</td><td>7/8 - 14</td><td>1/2</td></tr> <tr><td>SO1124-10E</td><td>7/8 - 14</td><td>3/4</td></tr> <tr><td>SO1124-12D</td><td>1-1/16 - 12</td><td>1/2</td></tr> <tr><td>SO1124-12E</td><td>1-1/16 - 12</td><td>3/4</td></tr> <tr><td>SO1124-16H</td><td>1-5/16 - 12</td><td>1</td></tr> </tbody> </table> | PART No. | O-Ring | Swivel | SO1124-4B | 7/16 - 20 | 1/4 | SO1124-6B | 9/16 - 18 | 1/4 | SO1124-6C | 9/16 - 18 | 3/8 | SO1124-8C | 3/4 - 16 | 3/8 | SO1124-8D | 3/4 - 16 | 1/2 | SO1124-10D | 7/8 - 14 | 1/2 | SO1124-10E | 7/8 - 14 | 3/4 | SO1124-12D | 1-1/16 - 12 | 1/2 | SO1124-12E | 1-1/16 - 12 | 3/4 | SO1124-16H | 1-5/16 - 12 | 1 |
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| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | O-Ring      | Swivel |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7/16 - 20   | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-6D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-8B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-8D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-8E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-10C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-10E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-12D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-1/16 - 12 | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-1/16 - 12 | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-16E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-5/16 - 12 | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1120-16H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-5/16 - 12 | 1      |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | O-Ring      | Swivel |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7/16 - 20   | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-6D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-8D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-8E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-10C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-10E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-12D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-1/16 - 12 | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-1/16 - 12 | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-16E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-5/16 - 12 | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-16H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-5/16 - 12 | 1      |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1116-20J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-5/8 - 12  | 1-1/4  |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| PART No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | O-Ring      | Swivel |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-4B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7/16 - 20   | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-6B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 1/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-6C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9/16 - 18   | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-8C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 3/8    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-8D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 3/4 - 16    | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-10D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-10E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7/8 - 14    | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-12D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-1/16 - 12 | 1/2    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-12E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-1/16 - 12 | 3/4    |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |
| SO1124-16H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1-5/16 - 12 | 1      |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |          |        |        |           |           |     |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |           |          |     |            |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |     |            |             |   |            |            |       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |        |        |           |           |     |           |           |     |           |           |     |           |          |     |           |          |     |            |          |     |            |          |     |            |             |     |            |             |     |            |             |   |



A



**CONNECTOR**  
Female Pipe To  
NPSM Swivel

| PART No. | Pipe  | Swivel |
|----------|-------|--------|
| S1103-AA | 1/8   | 1/8    |
| S1103-BB | 1/4   | 1/4    |
| S1103-BC | 1/4   | 3/8    |
| S1103-CB | 3/8   | 1/4    |
| S1103-CC | 3/8   | 3/8    |
| S1103-CD | 3/8   | 1/2    |
| S1103-DC | 1/2   | 3/8    |
| S1103-DD | 1/2   | 1/2    |
| S1103-EE | 3/4   | 3/4    |
| S1103-HE | 1     | 3/4    |
| S1103-HH | 1     | 1      |
| S1103-JJ | 1-1/4 | 1-1/4  |
| S1103-KK | 1-1/2 | 1-1/2  |
| S1103-MM | 2     | 2      |



**CONNECTOR**  
Male Pipe To  
NPSM Swivel

| PART No.      | Pipe  | Swivel |
|---------------|-------|--------|
| S1120-AA      | 1/8   | 1/8    |
| S1120-AB      | 1/8   | 1/4    |
| S1120-BA      | 1/4   | 1/8    |
| S1120-BB      | 1/4   | 1/4    |
| S1120-BC      | 1/4   | 3/8    |
| S1120-CB      | 3/8   | 1/4    |
| S1120-CC      | 3/8   | 3/8    |
| *S1120-CC.000 | 3/8   | 3/8    |
| S1120-CD      | 3/8   | 1/2    |
| S1120-DB      | 1/2   | 1/4    |
| S1120-DC      | 1/2   | 3/8    |
| S1120-DD      | 1/2   | 1/2    |
| *S1120-DD.000 | 1/2   | 1/2    |
| S1120-DE      | 1/2   | 3/4    |
| S1120-ED      | 3/4   | 1/2    |
| S1120-EE      | 3/4   | 3/4    |
| S1120-EH      | 3/4   | 1      |
| S1120-HE      | 1     | 3/4    |
| S1120-HH      | 1     | 1      |
| S1120-HJ      | 1     | 1-1/4  |
| S1120-JH      | 1-1/4 | 1      |
| S1120-JJ      | 1-1/4 | 1-1/4  |
| S1120-KJ      | 1-1/2 | 1-1/4  |
| S1120-KK      | 1-1/2 | 1-1/2  |
| S1120-MM      | 2     | 2      |



**90° ELBOW**  
Female Pipe To  
NPSM Swivel

| PART No. | Pipe | Swivel |
|----------|------|--------|
| S1100-AA | 1/8  | 1/8    |
| S1100-BB | 1/4  | 1/4    |
| S1100-CC | 3/8  | 3/8    |
| S1100-DD | 1/2  | 1/2    |
| S1100-EE | 3/4  | 3/4    |
| S1100-HH | 1    | 1      |



**90° ELBOW**  
Male Pipe To  
NPSM Swivel

| PART No. | Pipe  | Swivel |
|----------|-------|--------|
| S1116-AA | 1/8   | 1/8    |
| S1116-AB | 1/8   | 1/4    |
| S1116-BB | 1/4   | 1/4    |
| S1116-BC | 1/4   | 3/8    |
| S1116-CB | 3/8   | 1/4    |
| S1116-CC | 3/8   | 3/8    |
| S1116-CD | 3/8   | 1/2    |
| S1116-DC | 1/2   | 3/8    |
| S1116-DD | 1/2   | 1/2    |
| S1116-DE | 1/2   | 3/4    |
| S1116-ED | 3/4   | 1/2    |
| S1116-EE | 3/4   | 3/4    |
| S1116-EH | 3/4   | 1      |
| S1116-HE | 1     | 3/4    |
| S1116-HH | 1     | 1      |
| S1116-HJ | 1     | 1-1/4  |
| S1116-JH | 1-1/4 | 1      |
| S1116-JJ | 1-1/4 | 1-1/4  |
| S1116-KK | 1-1/2 | 1-1/2  |
| S1116-MM | 2     | 2      |



**90° ELBOW**  
(LONG STYLE)  
Male Pipe To  
NPSM Swivel

| PART No.  | Pipe | Swivel |
|-----------|------|--------|
| S1116L-CC | 3/8  | 3/8    |
| S1116L-DD | 1/2  | 1/2    |

\* When ordering restricted flow adapters suffix part number with required restriction hole size. (example: S1120-BB.040)



**45° ELBOW**  
Male Pipe To  
NPSM Swivel

| PART No. | Pipe  | Swivel |
|----------|-------|--------|
| S1124-AA | 1/8   | 1/8    |
| S1124-BB | 1/4   | 1/4    |
| S1124-CC | 3/8   | 3/8    |
| S1124-CD | 3/8   | 1/2    |
| S1124-DC | 1/2   | 3/8    |
| S1124-DD | 1/2   | 1/2    |
| S1124-EE | 3/4   | 3/4    |
| S1124-HE | 1     | 3/4    |
| S1124-HH | 1     | 1      |
| S1124-JJ | 1-1/4 | 1-1/4  |
| S1124-KK | 1-1/2 | 1-1/2  |



**45° ELBOW**  
Female Pipe To  
NPSM Swivel

| PART No. | Pipe | Swivel |
|----------|------|--------|
| S1105-CC | 3/8  | 3/8    |
| S1105-DD | 1/2  | 1/2    |
| S1105-EE | 3/4  | 3/4    |
| S1105-HH | 1    | 1      |



**TEE**  
NPSM Swivel To  
NPSM Swivel To  
Female Pipe

| PART No. | Pipe | Swivel |
|----------|------|--------|
| S1101-BB | 1/4  | 1/4    |
| S1101-CC | 3/8  | 3/8    |
| S1101-DD | 1/2  | 1/2    |



**TEE**  
NPSM Swivel To  
NPSM Swivel To  
Male Pipe

| PART No. | Pipe | Swivel |
|----------|------|--------|
| S1106-BB | 1/4  | 1/4    |
| S1106-CC | 3/8  | 3/8    |
| S1106-DD | 1/2  | 1/2    |
| S1106-EE | 3/4  | 3/4    |



**TEE**  
NPSM Swivel  
All Ends

| PART No. | Swivel |
|----------|--------|
| S1111-B  | 1/4    |
| S1111-C  | 3/8    |
| S1111-D  | 1/2    |
| S1111-E  | 3/4    |





**WHAT'S NEW  
IN THIS SECTION**

- Plated Combination Nipple . . . .Pg 70
- Y Connector Hose Barb . . . .Pg 69
- Thermoplastic Hose Ends . . . .Pg 86

**HOSE ENDS**

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FERRULES -BRASS . . . . .70

FUEL LINE HOSE BARBS -BRASS . . . . .70

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S.A.E. 100R1, T1SN HOSE ENDS -REUSABLE . . . . .82

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S.A.E. 100R2, T2SN HOSE CRIMP ENDS -COMPRESSION STYLE .75 - 76

S.A.E. 100R2, T2SN HOSE ENDS -REUSABLE . . . . .82

S.A.E. 100R3 HOSE CRIMP ENDS -COMPRESSION STYLE . . . . .75 - 76

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S.A.E. 100R5 HOSE CRIMP ENDS -BITE WIRE STYLE . . . . .80

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S.A.E. 100R12 HOSE CRIMP ENDS -BITE WIRE STYLE . . . . .79

S.A.E. 100R14 HOSE CRIMP ENDS -ONE PIECE STYLE . . . . .82

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SEWER CLEANING HOSE ENDS . . . . .85





B



**COUPLER**  
Hose Barb To  
Male Pipe

| PART No.         | Hose I.D. | Pipe             |
|------------------|-----------|------------------|
| 125-2-10/32      | 1/8       | 10/32 UNF        |
| 125-2A           | 1/8       | 1/8              |
| 125-2B           | 1/8       | 1/4              |
| 125-3A           | 3/16      | 1/8              |
| 125-3B           | 3/16      | 1/4              |
| 125-4A           | 1/4       | 1/8              |
| 125-4B           | 1/4       | 1/4              |
| 125-4C           | 1/4       | 3/8              |
| 125-4D           | 1/4       | 1/2              |
| 125-5A           | 5/16      | 1/8              |
| 125-5B           | 5/16      | 1/4              |
| 125-5C           | 5/16      | 3/8              |
| 125-6A           | 3/8       | 1/8              |
| 125-6B           | 3/8       | 1/4              |
| 125-6C           | 3/8       | 3/8              |
| 125-6D           | 3/8       | 1/2              |
| 125-6E           | 3/8       | 3/4              |
| 125-8B           | 1/2       | 1/4              |
| 125-8C           | 1/2       | 3/8              |
| 125-8D           | 1/2       | 1/2              |
| 125-8E           | 1/2       | 3/4              |
| 125-10C          | 5/8       | 3/8              |
| 125-10D          | 5/8       | 1/2              |
| 125-10E          | 5/8       | 3/4              |
| 125-12D          | 3/4       | 1/2              |
| 125-12E          | 3/4       | 3/4              |
| 125-16E          | 1         | 3/4              |
| 125-16H          | 1         | 1                |
| <b>Lead Free</b> |           |                  |
| LF-125-8D        | 1/2       | 1/2              |
| 125CA-8D         | 1/2       | Cast Brass 1/2   |
| 125CA-12E        | 3/4       | Cast Brass 3/4   |
| 125CA-16H        | 1         | Cast Brass 1     |
| 125CA-20J        | 1-1/4     | Cast Brass 1-1/4 |
| 125CA-24K        | 1-1/2     | Cast Brass 1-1/2 |
| 125CA-32M        | 2         | Cast Brass 2     |



**WORKING SWIVEL  
COUPLER**  
Hose Barb To  
Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 1925-4B  | 1/4       | 1/4  |
| 1925-6B  | 3/8       | 1/4  |
| 1925-6C  | 3/8       | 3/8  |
| 1925-8C  | 1/2       | 3/8  |
| 1925-8D  | 1/2       | 1/2  |



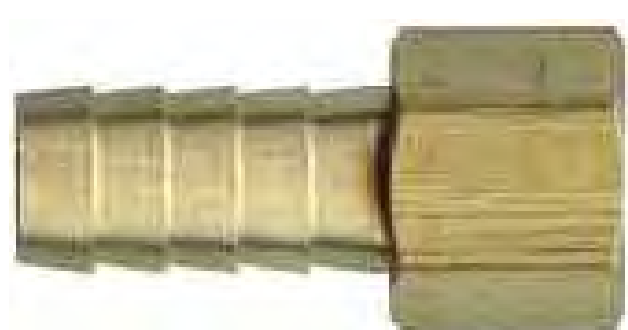
**COUPLER**  
Hose Barb To  
Female Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 126-2A   | 1/8       | 1/8  |
| 126-2B   | 1/8       | 1/4  |
| 126-3A   | 3/16      | 1/8  |
| 126-3B   | 3/16      | 1/4  |
| 126-4A   | 1/4       | 1/8  |
| 126-4B   | 1/4       | 1/4  |
| 126-4C   | 1/4       | 3/8  |
| 126-5A   | 5/16      | 1/8  |
| 126-5B   | 5/16      | 1/4  |
| 126-5C   | 5/16      | 3/8  |



**COUPLER**  
Hose Barb To  
Female Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 126-6A   | 3/8       | 1/8  |
| 126-6B   | 3/8       | 1/4  |
| 126-6C   | 3/8       | 3/8  |
| 126-6D   | 3/8       | 1/2  |
| 126-8B   | 1/2       | 1/4  |
| 126-8C   | 1/2       | 3/8  |
| 126-8D   | 1/2       | 1/2  |
| 126-12D  | 3/4       | 1/2  |
| 126-16H  | 1         | 1    |



**SWIVEL  
COUPLER**  
Hose Barb Flat  
Seat With Gasket  
To Female  
Straight Pipe

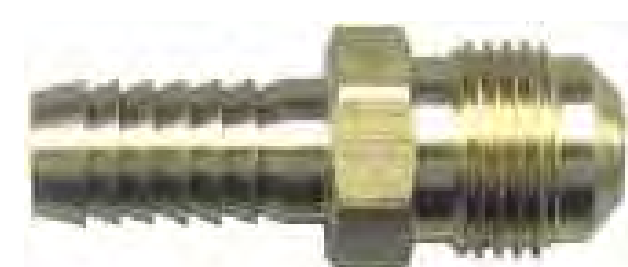
| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 130-4A   | 1/4       | 1/8  |
| 130-4B   | 1/4       | 1/4  |
| 130-6B   | 3/8       | 1/4  |
| 130-6C   | 3/8       | 3/8  |
| 130-6D   | 3/8       | 1/2  |
| 130-8D   | 1/2       | 1/2  |
| 130-4A   | 1/4       | 1/8  |
| 130-4B   | 1/4       | 1/4  |
| 130-6B   | 3/8       | 1/4  |
| 130-6C   | 3/8       | 3/8  |
| 130-6D   | 3/8       | 1/2  |
| 130-8D   | 1/2       | 1/2  |



**SWIVEL  
COUPLER**  
Hose Barb Ball  
Seat To Female  
Straight Pipe

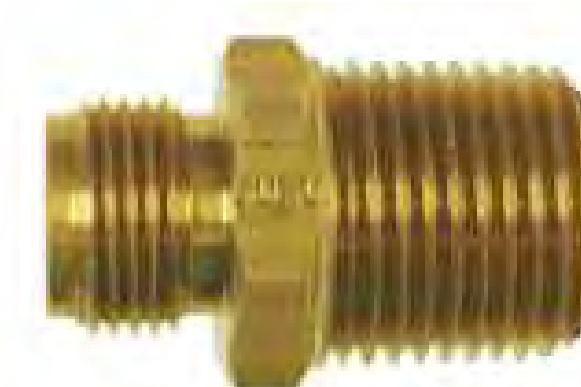
Use With PART No. 134

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 131-3A   | 3/16      | 1/8  |
| 131-4A   | 1/4       | 1/8  |
| 131-4B   | 1/4       | 1/4  |
| 131-4C   | 1/4       | 3/8  |
| 131-5B   | 5/16      | 1/4  |
| 131-6B   | 3/8       | 1/4  |
| 131-6C   | 3/8       | 3/8  |
| 131-8C   | 1/2       | 3/8  |
| 131-8D   | 1/2       | 1/2  |
| 131-12E  | 3/4       | 3/4  |



**COUPLER**  
Hose Barb To  
Male 45°  
S.A.E. Flare

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 127-44   | 1/4       | 1/4  |
| 127-46   | 1/4       | 3/8  |
| 127-55   | 5/16      | 5/16 |
| 127-66   | 3/8       | 3/8  |
| 127-68   | 3/8       | 1/2  |



**CONNECTOR**  
Male Straight  
Pipe Thread With  
Ball Seat To Male  
Taper Pipe Thread

Use With PART No. 130, 131

| PART No. | Straight<br>Pipe | Pipe |
|----------|------------------|------|
| 134-BB   | 1/4              | 1/4  |
| 134-CC   | 3/8              | 3/8  |
| 134-CD   | 3/8              | 1/2  |
| 134-DD   | 1/2              | 1/2  |



**SWIVEL  
COUPLER**  
Hose Barb To  
Female 45°  
S.A.E. Flare

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 128-34   | 3/16      | 1/4  |
| 128-44   | 1/4       | 1/4  |
| 128-46   | 1/4       | 3/8  |
| 128-55   | 5/16      | 5/16 |
| 128-56   | 5/16      | 3/8  |
| 128-66   | 3/8       | 3/8  |
| 128-68   | 3/8       | 1/2  |
| 128-88   | 1/2       | 1/2  |
| 128-810  | 1/2       | 5/8  |
| 128-1010 | 5/8       | 5/8  |
| 128-1212 | 3/4       | 3/4  |



**90° ELBOW**  
Hose Barb  
To  
Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 139-3A   | 3/16      | 1/8  |
| 139-4A   | 1/4       | 1/8  |
| 139-4B   | 1/4       | 1/4  |
| 139-4C   | 1/4       | 3/8  |
| 139-5A   | 5/16      | 1/8  |
| 139-5B   | 5/16      | 1/4  |
| 139-5C   | 5/16      | 3/8  |
| 139-6A   | 3/8       | 1/8  |
| 139-6B   | 3/8       | 1/4  |
| 139-6C   | 3/8       | 3/8  |
| 139-6D   | 3/8       | 1/2  |
| 139-8B   | 1/2       | 1/4  |
| 139-8C   | 1/2       | 3/8  |
| 139-8D   | 1/2       | 1/2  |
| 139-10C  | 5/8       | 3/8  |
| 139-10D  | 5/8       | 1/2  |
| 139-12D  | 3/4       | 1/2  |
| 139-12E  | 3/4       | 3/4  |
| 139-16E  | 1         | 3/4  |
| 139-16H  | 1         | 1    |



**45° ELBOW**  
Hose Barb To  
Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 140-4A   | 1/4       | 1/8  |
| 140-4B   | 1/4       | 1/4  |
| 140-5A   | 5/16      | 1/8  |
| 140-6A   | 3/8       | 1/8  |
| 140-6B   | 3/8       | 1/4  |
| 140-6C   | 3/8       | 3/8  |
| 140-8C   | 1/2       | 3/8  |
| 140-10C  | 5/8       | 3/8  |



# HOSE BARB FITTINGS



**SPLICER**  
Hose Barb

| PART No. | Hose I.D. |
|----------|-----------|
| 129-3    | 3/16      |
| 129-4    | 1/4       |
| 129-5    | 5/16      |
| 129-6    | 3/8       |
| 129-8    | 1/2       |
| 129-10   | 5/8       |
| 129-12   | 3/4       |



**Y CONNECTOR**  
Hose Barb  
All Ends

| PART No. | Hose I.D. |
|----------|-----------|
| 123Y-4   | 1/4       |
| 123Y-6   | 3/8       |
| 123Y-8   | 1/2       |
| 123Y-10  | 5/8       |
| 123Y-12  | 3/4       |



**TEE**  
Hose Barb  
All Ends

| PART No. | Hose I.D. |
|----------|-----------|
| 123-4    | 1/4       |
| 123-5    | 5/16      |
| 123-6    | 3/8       |



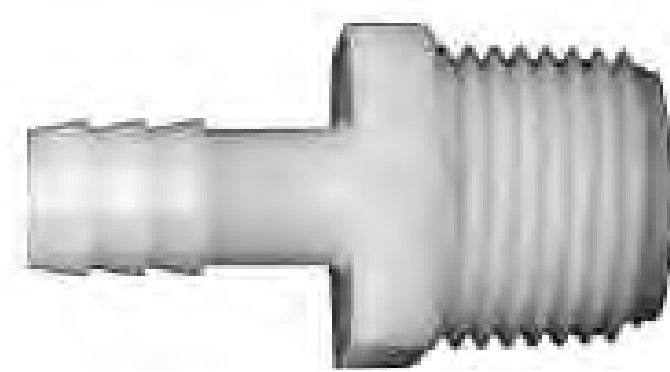
**ELBOW**  
Hose Barb  
To  
Hose Barb

| PART No. | Hose I.D. |
|----------|-----------|
| 99HB-4   | 1/4       |
| 99HB-5   | 5/16      |
| 99HB-6   | 3/8       |
| 99HB-8   | 1/2       |

**NOTE:**  
Lead Free Brass  
hose barbs are  
available on request.  
(Special Order)  
Minimum quantities apply.

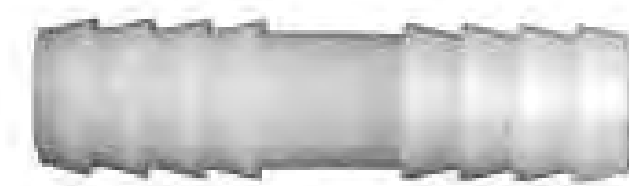
B

## NYLON HOSE BARB FITTINGS (MADE WITH NSF APPROVED RESINS)



**COUPLER**  
Hose Barb  
To  
Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 525-4A   | 1/4       | 1/8  |
| 525-4B   | 1/4       | 1/4  |
| 525-4D   | 1/4       | 1/2  |
| 525-5A   | 5/16      | 1/8  |
| 525-6B   | 3/8       | 1/4  |
| 525-6C   | 3/8       | 3/8  |
| 525-6D   | 3/8       | 1/2  |
| 525-8C   | 1/2       | 3/8  |
| 525-8D   | 1/2       | 1/2  |
| 525-8E   | 1/2       | 1/2  |
| 525-10D  | 5/8       | 1/2  |
| 525-10E  | 5/8       | 3/4  |
| 525-12D  | 3/4       | 1/2  |
| 525-12E  | 3/4       | 3/4  |



**SPLICER**  
Hose Barb

| PART No.        | Hose I.D.  |
|-----------------|------------|
| 529-4           | 1/4        |
| 529-6           | 3/8        |
| 529-8           | 1/2        |
| <b>Reducing</b> |            |
| 529-42          | 1/4 to 1/8 |
| 529-64          | 3/8 to 1/4 |
| 529-86          | 1/2 to 3/8 |



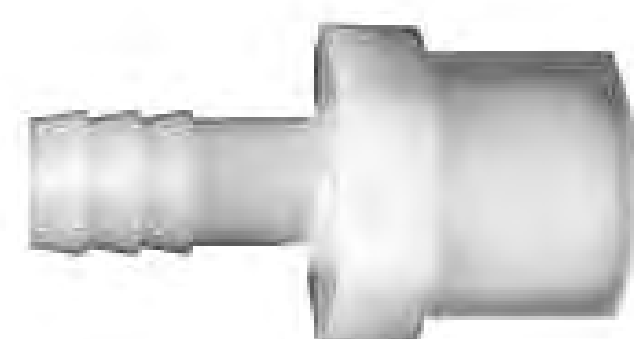
**90° ELBOW**  
Hose Barb  
To  
Hose Barb

| PART No. | Hose I.D. |
|----------|-----------|
| 555-4    | 1/4       |
| 555-6    | 3/8       |
| 555-8    | 1/2       |
| 555-10   | 5/8       |
| 555-12   | 3/4       |



**90° ELBOW**  
Hose Barb  
To  
Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 539-4A   | 1/4       | 1/8  |
| 539-4B   | 1/4       | 1/4  |
| 539-6B   | 3/8       | 1/4  |
| 539-6C   | 3/8       | 3/8  |
| 539-6D   | 3/8       | 1/2  |
| 539-8C   | 1/2       | 3/8  |
| 539-8D   | 1/2       | 1/2  |
| 539-10E  | 5/8       | 3/4  |



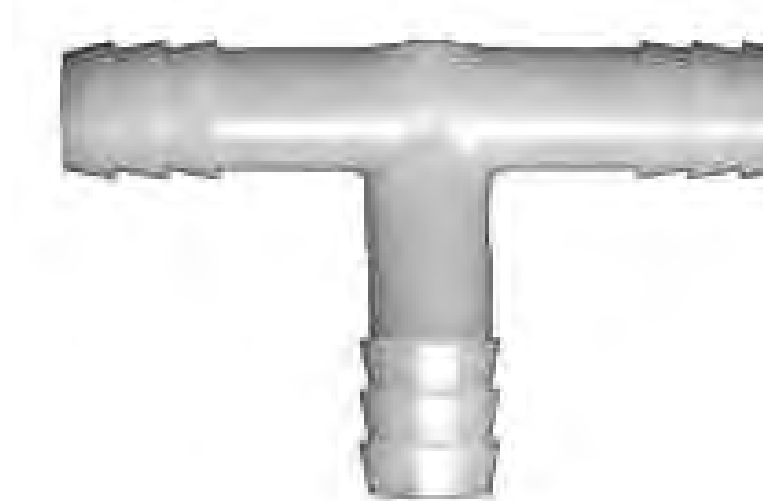
**COUPLER**  
Hose Barb  
To  
Female Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 526-4B   | 1/4       | 1/4  |
| 526-4D   | 1/4       | 1/2  |
| 526-6B   | 3/8       | 1/4  |
| 526-6C   | 3/8       | 3/8  |
| 526-8D   | 1/2       | 1/2  |



**90° ELBOW**  
Hose Barb  
To  
Female Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 539F-8D  | 1/2       | 1/2  |



**TEE**  
Hose Barb  
All Ends

| PART No. | Hose I.D. |
|----------|-----------|
| 544-3    | 3/16      |
| 544-4    | 1/4       |
| 544-6    | 3/8       |
| 544-8    | 1/2       |
| 544-10   | 5/8       |

For Chemical Resistance Chart  
See Page 14



B



**COUPLER**  
Hose Barb  
To Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 325-3A   | 3/16      | 1/8  |
| 325-4A   | 1/4       | 1/8  |
| 325-4B   | 1/4       | 1/4  |
| 325-5A   | 5/16      | 1/8  |
| 325-5B   | 5/16      | 1/4  |
| 325-6A   | 3/8       | 1/8  |
| 325-6B   | 3/8       | 1/4  |
| 325-6C   | 3/8       | 3/8  |
| 325-10C  | 5/8       | 3/8  |
| 325-10D  | 5/8       | 1/2  |
| 325-12D  | 3/4       | 1/2  |



**CONNECTOR**  
Hose Barb To  
Male Inverted  
Flare

| PART No. | Hose I.D. | Tube Size |
|----------|-----------|-----------|
| 335-54   | 5/16      | 1/4       |
| 335-55   | 5/16      | 5/16      |
| 335-65   | 3/8       | 5/16      |
| 335-66   | 3/8       | 3/8       |



**90° ELBOW**  
Hose Barb  
To  
Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 339-4A   | 1/4       | 1/8  |
| 339-5A   | 5/16      | 1/8  |
| 339-5B   | 5/16      | 1/4  |
| 339-6A   | 3/8       | 1/8  |
| 339-6B   | 3/8       | 1/4  |
| 339-10C  | 5/8       | 3/8  |

FOR FUEL LINE HOSE PAGE 109

**STEEL COMBINATION NIPPLES AND HOSE MENDERS**  
(NOT RECOMMENDED FOR USE WITH AIR)



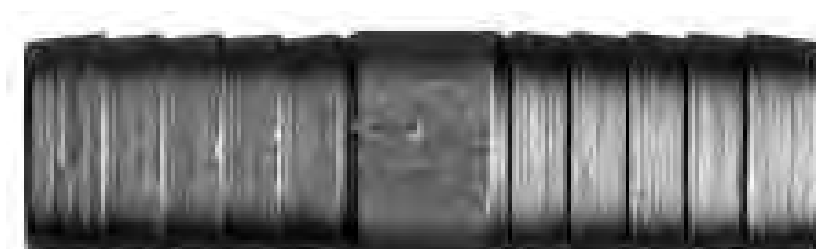
**COMBINATION NIPPLE**  
Hose Barb To  
Male Pipe

| PART No.   | Hose I.D. | Pipe  |
|------------|-----------|-------|
| BI-125-8D  | 1/2       | 1/2   |
| BI-125-12E | 3/4       | 3/4   |
| BI-125-16H | 1         | 1     |
| BI-125-20J | 1-1/4     | 1-1/4 |
| BI-125-24K | 1-1/2     | 1-1/2 |
| BI-125-32M | 2         | 2     |



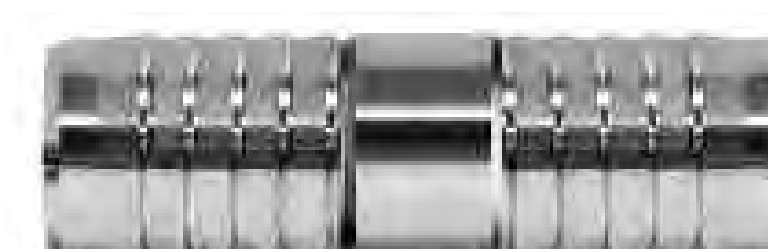
**PLATED COMBINATION NIPPLE**  
Hose Barb To  
Male Pipe

| PART No.   | Hose I.D. | Pipe  |
|------------|-----------|-------|
| GI-125-8D  | 1/2       | 1/2   |
| GI-125-12E | 3/4       | 3/4   |
| GI-125-16H | 1         | 1     |
| GI-125-20J | 1-1/4     | 1-1/4 |
| GI-125-24K | 1-1/2     | 1-1/2 |
| GI-125-32M | 2         | 2     |
| GI-125-40N | 2-1/2     | 2-1/2 |



**HOSE MENDER**  
Hose Barb

| PART No.  | Hose I.D. |
|-----------|-----------|
| BI-129-8  | 1/2       |
| BI-129-12 | 3/4       |
| BI-129-16 | 1         |
| BI-129-20 | 1-1/4     |
| BI-129-24 | 1-1/2     |



**PLATED HOSE MENDER**  
Hose Barb

| PART No.  | Hose I.D. |
|-----------|-----------|
| GI-129-12 | 3/4       |
| GI-129-16 | 1         |
| GI-129-20 | 1-1/4     |
| GI-129-24 | 1-1/2     |

**BRASS STANDARD FERRULES**

FBL – Ferrules Brass Long FBS – Ferrules Brass Short



FBL



FBS

- SIZE RANGE FROM 3/8 TO 1 INCH OUTSIDE DIAMETER
- THE PART NUMBER DESIGNATES THE OUTSIDE DIAMETER OF THE HOSE OR TUBE
- WALL THICKNESS OF THE FERRULE IS .025
- TO ORDER A FERRULE CRIMPER PAGE 261

| PART No. | Inside Dia. (IN.) | Ferrule Length (IN.) | Hole Size (IN.) |
|----------|-------------------|----------------------|-----------------|
| FBL-450  | .450              | 23/32                | .328            |
| FBL-475  | .475              | 23/32                | .328            |
| FBL-500  | .500              | 23/32                | .328            |
| FBL-525  | .525              | 23/32                | .453            |
| FBL-550  | .550              | 23/32                | .438            |
| FBL-575  | .575              | 31/32                | .438            |
| FBL-600  | .600              | 31/32                | .453            |
| FBL-625  | .625              | 31/32                | .453            |
| FBL-650  | .650              | 31/32                | .453            |
| FBL-675  | .675              | 31/32                | .500            |
| FBL-700  | .700              | 31/32                | .500            |
| FBL-725  | .725              | 31/32                | .500            |
| FBL-750  | .750              | 31/32                | .500            |
| FBL-775  | .775              | 31/32                | .500            |
| FBL-800  | .800              | 31/32                | .625            |

| PART No. | Inside Dia. (IN.) | Ferrule Length (IN.) | Hole Size (IN.) |
|----------|-------------------|----------------------|-----------------|
| FBL-825  | .825              | 31/32                | .625            |
| FBL-850  | .850              | 31/32                | .586            |
| FBL-875  | .875              | 31/32                | .750            |
| FBL-900  | .900              | 31/32                | .750            |
| FBL-925  | .925              | 31/32                | .750            |
| FBL-975  | .975              | 31/32                | .875            |
| FBL-1000 | 1.000             | 31/32                | .875            |
| FBL-1025 | 1.025             | 31/32                | .875            |
| FBL-1100 | 1.100             | 31/32                | .875            |
| FBL-1125 | 1.125             | 31/32                | .875            |
| FBL-1150 | 1.150             | 31/32                | .875            |
| FBL-1175 | 1.175             | 55/64                | .875            |
| FBL-1275 | 1.275             | 31/32                | .875            |
| FBL-1500 | 1.500             | 31/32                | .875            |



| PART No. | Inside Dia. (IN.) | Ferrule Length (IN.) | Hole Size (IN.) |
|----------|-------------------|----------------------|-----------------|
| FBS-500  | .500              | 1/2                  | .328            |



# BRASS GRIP-TITE HOSE FITTINGS

(USE WITH GRIP-TITE HOSE: PAGE 113)



**Male Pipe**

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 725-4A   | 1/4       | 1/8  |
| 725-4B   | 1/4       | 1/4  |
| 725-4C   | 1/4       | 3/8  |
| 725-5A   | 5/16      | 1/8  |
| 725-5B   | 5/16      | 1/4  |
| 725-6A   | 3/8       | 1/8  |
| 725-6B   | 3/8       | 1/4  |
| 725-6C   | 3/8       | 3/8  |
| 725-6D   | 3/8       | 1/2  |
| 725-8B   | 1/2       | 1/4  |
| 725-8C   | 1/2       | 3/8  |
| 725-8D   | 1/2       | 1/2  |
| 725-8E   | 1/2       | 3/4  |
| 725-10C  | 5/8       | 3/8  |
| 725-10D  | 5/8       | 1/2  |
| 725-10E  | 5/8       | 3/4  |
| 725-12D  | 3/4       | 1/2  |
| 725-12E  | 3/4       | 3/4  |



**Working Male Pipe Swivel**

| PART No.  | Hose I.D. | Pipe |
|-----------|-----------|------|
| 725SW-4B  | 1/4       | 1/4  |
| 725SW-6B  | 3/8       | 1/4  |
| 725SW-6C  | 3/8       | 3/8  |
| 725SW-8C  | 1/2       | 3/8  |
| 725SW-8D  | 1/2       | 1/2  |
| 725SW-12E | 3/4       | 3/4  |



**RIGID Female Pipe**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 726-4B   | 1/4       | 1/4  |
| 726-6B   | 3/8       | 1/4  |
| 726-6C   | 3/8       | 3/8  |
| 726-8C   | 1/2       | 3/8  |
| 726-8D   | 1/2       | 1/2  |
| 726-8E   | 1/2       | 3/4  |
| 726-12E  | 3/4       | 3/4  |



**45° S.A.E. Male Flare**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 727-44   | 1/4       | 1/4  |
| 727-45   | 1/4       | 5/16 |
| 727-66   | 3/8       | 3/8  |
| 727-88   | 1/2       | 1/2  |



**45° S.A.E. Female Flare Swivel**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 728-44   | 1/4       | 1/4  |
| 728-45   | 1/4       | 5/16 |
| 728-66   | 3/8       | 3/8  |
| 728-68   | 3/8       | 1/2  |
| 728-86   | 1/2       | 3/8  |
| 728-88   | 1/2       | 1/2  |
| 728-810  | 1/2       | 5/8  |
| 728-108  | 5/8       | 1/2  |
| 728-1010 | 5/8       | 5/8  |
| 728-1212 | 3/4       | 3/4  |



**HOSE SPLICER**

| PART No. | Hose I.D. |
|----------|-----------|
| 729-4    | 1/4       |
| 729-5    | 5/16      |
| 729-6    | 3/8       |
| 729-8    | 1/2       |
| 729-10   | 5/8       |
| 729-12   | 3/4       |



**Female Straight Pipe Swivel**

GASKET TYPE

| PART No. | Hose I.D. | Straight Pipe |
|----------|-----------|---------------|
| 730-4B   | 1/4       | 1/4           |



**Female Straight Pipe Swivel**

BALL TYPE

| PART No. | Hose I.D. | Straight Pipe |
|----------|-----------|---------------|
| 731-4A   | 1/4       | 1/8           |
| 731-4B   | 1/4       | 1/4           |
| 731-6B   | 3/8       | 1/4           |
| 731-6C   | 3/8       | 3/8           |
| 731-8D   | 1/2       | 1/2           |
| 731-12E  | 3/4       | 3/4           |



**RIGID Tube Shank**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 732-44   | 1/4       | 1/4  |
| 732-66   | 3/8       | 3/8  |



**45° S.A.E. Male Inverted Flare Swivel**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 735-43   | 1/4       | 3/16 |
| 735-44   | 1/4       | 1/4  |
| 735-45   | 1/4       | 5/16 |
| 735-65   | 3/8       | 5/16 |
| 735-66   | 3/8       | 3/8  |
| 735-88   | 1/2       | 1/2  |
| 735-1010 | 5/8       | 5/8  |



**45° S.A.E. Female Inverted Flare**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 736-45   | 1/4       | 5/16 |
| 736-65   | 3/8       | 5/16 |
| 736-66   | 3/8       | 3/8  |



**37° J.I.C. Male Flare**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 737-44   | 1/4       | 1/4  |
| 737-66   | 3/8       | 3/8  |
| 737-88   | 1/2       | 1/2  |



**37° J.I.C. Female Flare Swivel**

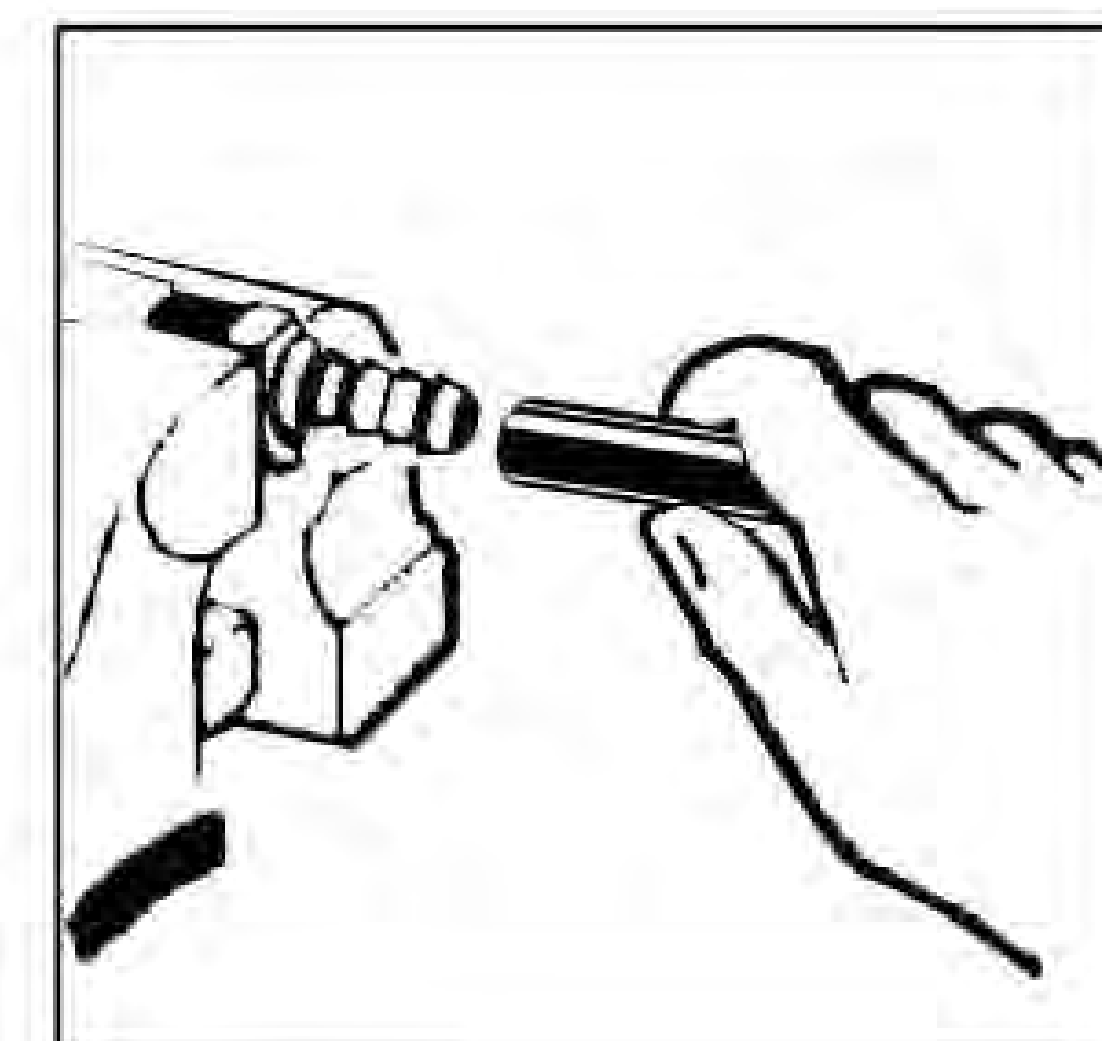
| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| 738-44   | 1/4       | 1/4  |
| 738-45   | 1/4       | 5/16 |
| 738-66   | 3/8       | 3/8  |
| 738-88   | 1/2       | 1/2  |
| 738-1010 | 5/8       | 5/8  |
| 738-1212 | 3/4       | 3/4  |



**90° ELBOW Hose To Male Pipe**

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 739-4A   | 1/4       | 1/8  |
| 739-4B   | 1/4       | 1/4  |
| 739-6B   | 3/8       | 1/4  |
| 739-6C   | 3/8       | 3/8  |
| 739-8C   | 1/2       | 3/8  |
| 739-8D   | 1/2       | 1/2  |
| 739-12E  | 3/4       | 3/4  |

## ASSEMBLY INSTRUCTIONS

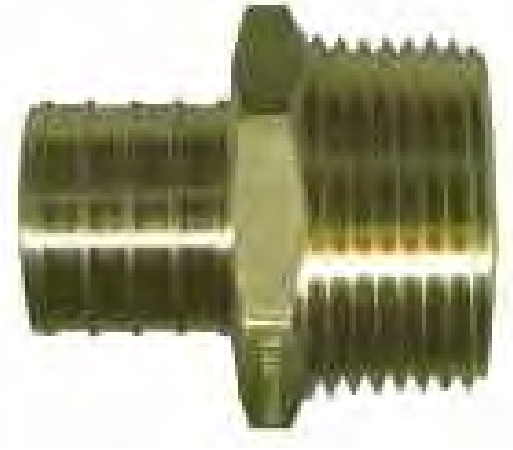


- LUBRICATE HOSE AND BARB.
- PUSH HOSE ON FITTING UNTIL SEATED UNDER PROTECTIVE CAP.
- NO CLAMPS REQUIRED WHEN USED WITH GRIP-TITE HOSE.

B



B



**ADAPTER  
Pex To  
Male Pipe**

| PART No.       | Pex       | Pipe |
|----------------|-----------|------|
|                | Lead Free |      |
| LF-PEX-125-8D  | 3/8       | 1/2  |
| LF-PEX-125-10D | 1/2       | 1/2  |
| LF-PEX-125-10E | 1/2       | 3/4  |
| LF-PEX-125-14D | 3/4       | 1/2  |
| LF-PEX-125-14E | 3/4       | 3/4  |
| LF-PEX-125-14H | 3/4       | 1    |
| LF-PEX-125-18E | 1         | 3/4  |
| LF-PEX-125-18H | 1         | 1    |



**ADAPTER  
Pex to  
Male Sweat**

| PART No.        | Pex       | Copper Tube |
|-----------------|-----------|-------------|
|                 | Lead Free |             |
| LF-PEX-125SW-10 | 1/2       | 1/2 K       |
| LF-PEX-125SW-14 | 3/4       | 3/4 K       |
| LF-PEX-125SW-18 | 1         | 1 K         |



**ADAPTER  
Pex To  
Female Pipe**

| PART No.       | Pex       | Pipe |
|----------------|-----------|------|
|                | Lead Free |      |
| LF-PEX-126-10D | 1/2       | 1/2  |
| LF-PEX-126-10E | 1/2       | 3/4  |
| LF-PEX-126-14E | 3/4       | 3/4  |
| LF-PEX-126-14H | 3/4       | 1    |
| LF-PEX-126-18H | 1         | 1    |



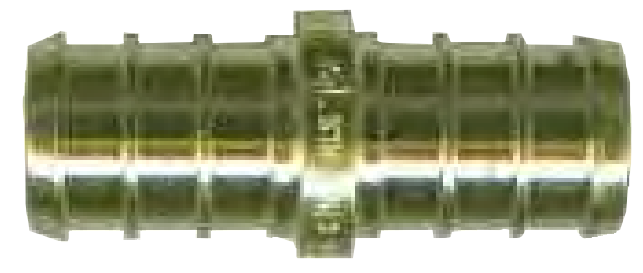
**ADAPTER  
Pex to FPT  
Swivel Adapter**

| PART No.          | Pex       | Pipe |
|-------------------|-----------|------|
|                   | Lead Free |      |
| LF-PEX-126SPN-8D  | 3/8       | 1/2  |
| LF-PEX-126SPN-10E | 1/2       | 3/4  |
| LF-PEX-126SPN-10D | 1/2       | 1/2  |



**ADAPTER  
Pex to  
Female Sweat**

| PART No.        | Pex       | Copper Tube |
|-----------------|-----------|-------------|
|                 | Lead Free |             |
| LF-PEX-126SW-10 | 1/2       | 1/2 K       |
| LF-PEX-126SW-14 | 3/4       | 3/4 K       |
| LF-PEX-126SW-18 | 1         | 1 K         |



**COUPLING  
Pex To Pex**

| PART No.        | Pex       | Pex |
|-----------------|-----------|-----|
|                 | Lead Free |     |
| LF-PEX-129-8    | 3/8       | 3/8 |
| LF-PEX-129-108  | 1/2       | 3/8 |
| LF-PEX-129-10   | 1/2       | 1/2 |
| LF-PEX-129-14   | 3/4       | 3/4 |
| LF-PEX-129-1410 | 3/4       | 1/2 |



**PEX  
PLUG**

| PART No.        | Pex       |
|-----------------|-----------|
|                 | Lead Free |
| LF-PEX-121HB-8  | 3/8       |
| LF-PEX-121HB-10 | 1/2       |
| LF-PEX-121HB-14 | 3/4       |



**90° ELBOW  
Pex To  
Pex**

| PART No.         | Pex       | Pex |
|------------------|-----------|-----|
|                  | Lead Free |     |
| LF-PEX-99HB-8    | 3/8       | 3/8 |
| LF-PEX-99HB-10   | 1/2       | 1/2 |
| LF-PEX-99HB-14   | 3/4       | 3/4 |
| LF-PEX-99HB-1410 | 3/4       | 1/2 |
| LF-PEX-99HB-18   | 1         | 1   |



**90° ELBOW  
Pex To  
Male Pipe**

| PART No.       | Pex       | Pipe |
|----------------|-----------|------|
|                | Lead Free |      |
| LF-PEX-139-10D | 1/2       | 1/2  |
| LF-PEX-139-14E | 3/4       | 3/4  |



**90° ELBOW  
Pex To FPT  
Swivel Adapter**

| PART No.           | Pex       | Pipe |
|--------------------|-----------|------|
|                    | Lead Free |      |
| LF-PEX-139FSPN-8C  | 3/8       | 3/8  |
| LF-PEX-139FSPN-8D  | 3/8       | 1/2  |
| LF-PEX-139FSPN-14E | 3/4       | 3/4  |



**FLANGED  
90° ELBOW  
Pex To  
Female Pipe**

| PART No.         | Pex       | Pipe |
|------------------|-----------|------|
|                  | Lead Free |      |
| LF-PEX-S139F-10D | 1/2       | 1/2  |
| LF-PEX-S139F-14E | 3/4       | 3/4  |



**90° ELBOW  
Pex To Male  
Sweat  
Copper**

| PART No.          | Pex       | Copper Tube |
|-------------------|-----------|-------------|
|                   | Lead Free |             |
| LF-PEX-139SW-10   | 1/2       | 1/2 K       |
| LF-PEX-139SW-1014 | 1/2       | 3/4 K       |
| LF-PEX-139SW-14   | 3/4       | 3/4 K       |



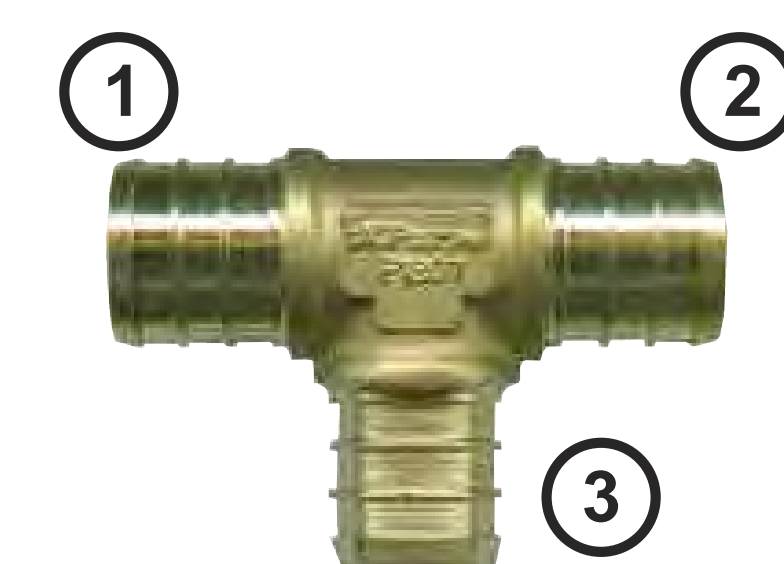
**90° ELBOW  
Pex To Female  
Sweat  
Copper**

| PART No.           | Pex       | Copper Tube |
|--------------------|-----------|-------------|
|                    | Lead Free |             |
| LF-PEX-139FSW-10   | 1/2       | 1/2 K       |
| LF-PEX-139FSW-1014 | 1/2       | 3/4 K       |
| LF-PEX-139FSW-14   | 3/4       | 3/4 K       |



**TEE  
Pex  
Three Ends**

| PART No.      | Pex       | Pex |
|---------------|-----------|-----|
|               | Lead Free |     |
| LF-PEX-123-10 | 1/2       | 1/2 |
| LF-PEX-123-14 | 3/4       | 3/4 |
| LF-PEX-123-18 | 1         | 1   |



**Reducing**

| PART No.        | ①         | ②   | ③   |
|-----------------|-----------|-----|-----|
|                 | Lead Free |     |     |
| LF-PEX-123-1014 | 1/2       | 1/2 | 3/4 |
| LF-PEX-123-1410 | 3/4       | 3/4 | 1/2 |



## CONNECTING PEX TUBE TO INSERT FITTINGS

1. Cut Pex pipe squarely. Check pipe I.D. and O.D. and remove any burrs.
2. Apply copper ring or PEX clamp on top of PEX pipe.
3. Insert fitting into the end of the pipe and pull clamp or ring over the fitting within 1/8 to 1/4 inch from the end of the tube. This process presses the fitting ribs into the pipe.
4. Crimp copper ring or PEX clamp using the required Fairview tool.
5. Check crimp using the Go-No-Go Gauge to determine if the crimp connection was properly made.
6. The GO opening should go freely across a crimped copper ring. The No-Go opening should not go across a crimped copper ring.
7. All water systems should be pressure tested prior to use.

For Pex water valves see page 166



STEP 1



STEP 2



STEP 3



STEP 4



STEP 5



STEP 6





# BRASS RING-BARB FITTINGS FOR POLY TUBE

(USE WITH POLYETHYLENE TUBE: 360 363)

B



### COUPLING

Tube To Tube

| PART No. | Tube O.D. | Tube I.D. |
|----------|-----------|-----------|
| 962-4    | 1/4       | .170      |
| 962-6    | 3/8       | .250      |
| 962-8    | 1/2       | .375      |
| 962-64   | 3/8       | 1/4       |

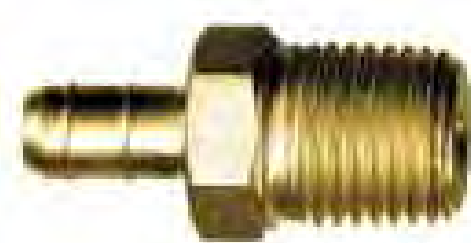
Reducing To



### CONNECTOR

Tube To Female Pipe

| PART No. | Tube O.D. | Tube I.D. | Pipe |
|----------|-----------|-----------|------|
| 966-4A   | 1/4       | .170      | 1/8  |
| 966-4B   | 1/4       | .170      | 1/4  |



### CONNECTOR

Tube To Male Pipe

| PART No. | Tube O.D. | Tube I.D. | Pipe |
|----------|-----------|-----------|------|
| 968-4A   | 1/4       | .170      | 1/8  |
| 968-4B   | 1/4       | .170      | 1/4  |
| 968-6A   | 3/8       | .250      | 1/8  |
| 968-6B   | 3/8       | .250      | 1/4  |



### BULKHEAD UNION

| PART No. | Tube O.D. | Tube I.D. |
|----------|-----------|-----------|
| 977-4    | 1/4       | .170      |



### 90° ELBOW

Tube To Tube

| PART No. | Tube O.D. | Tube I.D. |
|----------|-----------|-----------|
| 965-4    | 1/4       | .170      |
| 965-6    | 3/8       | .250      |
| 965-8    | 1/2       | .375      |



### 90° ELBOW

Tube To Male Pipe

| PART No. | Tube O.D. | Tube I.D. | Pipe |
|----------|-----------|-----------|------|
| 969-4A   | 1/4       | .170      | 1/8  |
| 969-4B   | 1/4       | .170      | 1/4  |
| 969-6A   | 3/8       | .250      | 1/8  |
| 969-6B   | 3/8       | .250      | 1/4  |



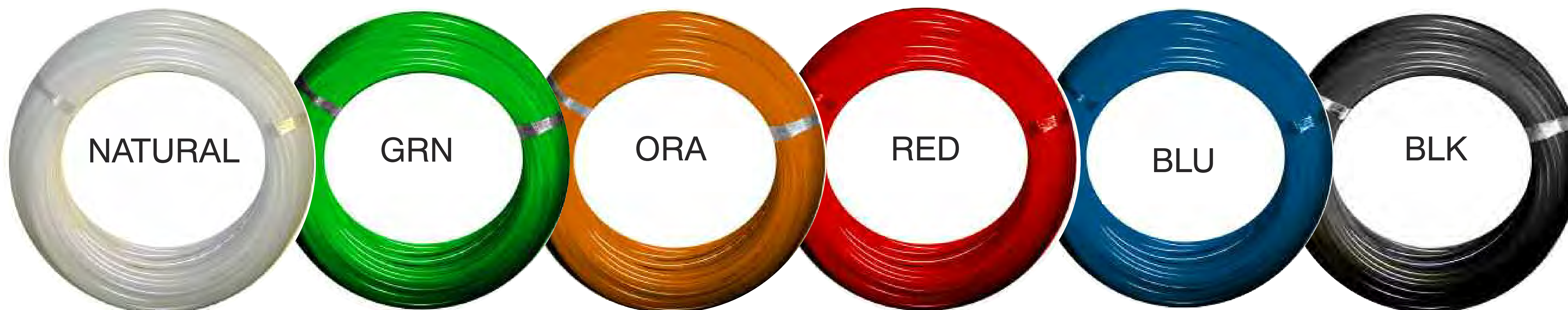
### TEE Tube Three Ends

| PART No. | Tube O.D. | Tube I.D. |
|----------|-----------|-----------|
| 964-4    | 1/4       | .170      |
| 964-6    | 3/8       | .250      |
| 964-8    | 1/2       | .375      |

Reducing

| PART No. | Tube 1 | Tube 2 | Tube 3 |
|----------|--------|--------|--------|
| 964-84   | 1/2    | 1/2    | 1/4    |

RING-BARB FITTINGS ARE DESIGNED FOR USE WITH FAIRVIEW POLYETHYLENE TUBE. THE BARB HAS A RAISED RING THAT IMBEDS INTO THE TUBE. THIS ASSURES A LEAKPROOF CONNECTION WHEN USED WITHIN THE NORMAL TEMPERATURE AND PRESSURE RANGE OF THE TUBE. SIMPLY PUSH FITTING INTO TUBE TO ASSEMBLE. NO TOOLS OR CLAMPS REQUIRED.



SEE PAGE 147 FOR POLY TUBE

#### Note:

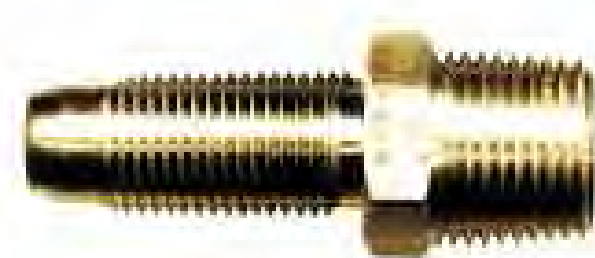
Use of Fairview Hose and Tube with other than Fairview original recommended fittings, may void warranty. Verify with a Fairview representative prior to installation.

## BRASS SCREW-ON REUSABLE HOSE FITTINGS



### HOSE FERRULES

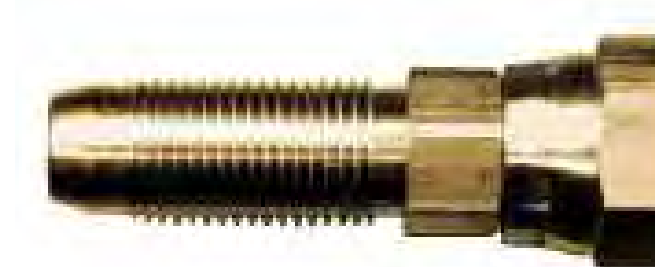
| PART No. | Hose O.D. | Hose I. D. |
|----------|-----------|------------|
| 750-84   | 1/2       | 1/4        |
| 750-106  | 5/8       | 3/8        |
| 750-116  | 11/16     | 3/8        |
| 750-126  | 3/4       | 3/8        |
| 750-148  | 7/8       | 1/2        |



### HOSE STEM

With Male Pipe Thread

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 751-4B   | 1/4       | 1/4  |
| 751-6B   | 3/8       | 1/4  |
| 751-6C   | 3/8       | 3/8  |
| 751-8B   | 1/2       | 1/4  |
| 751-8C   | 1/2       | 3/8  |
| 751-8D   | 1/2       | 1/2  |



### HOSE STEM

With Female Pipe Thread (Two Piece Swivel)

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 752-4B   | 1/4       | 1/4  |
| 752-6B   | 3/8       | 1/4  |
| 752-6C   | 3/8       | 3/8  |



# STEEL ONE PIECE CRIMP HOSE ENDS (COMPRESSION STYLE)



USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R3, 100R4, 100R16 AND  
100R17 HOSE (Pages 115 - 117, 124 - 125)

**ITEMS SHOWN ARE INTERCHANGEABLE WITH WEATHERHEAD "U" SERIES COUPLINGS.  
(They are Fairview Equivalents and are NOT WeatherHead Original Product.)**



**Male  
Pipe**

| PART No.  | Hose I.D. | Pipe  |
|-----------|-----------|-------|
| SC625-4A  | 1/4       | 1/8   |
| SC625-4B  | 1/4       | 1/4   |
| SC625-4C  | 1/4       | 3/8   |
| SC625-4D  | 1/4       | 1/2   |
| SC625-6B  | 3/8       | 1/4   |
| SC625-6C  | 3/8       | 3/8   |
| SC625-6D  | 3/8       | 1/2   |
| SC625-8C  | 1/2       | 3/8   |
| SC625-8D  | 1/2       | 1/2   |
| SC625-8E  | 1/2       | 3/4   |
| SC625-10D | 5/8       | 1/2   |
| SC625-10E | 5/8       | 3/4   |
| SC625-12D | 3/4       | 1/2   |
| SC625-12E | 3/4       | 3/4   |
| SC625-12H | 3/4       | 1     |
| SC625-16E | 1         | 3/4   |
| SC625-16H | 1         | 1     |
| SC625-20J | 1-1/4     | 1-1/4 |



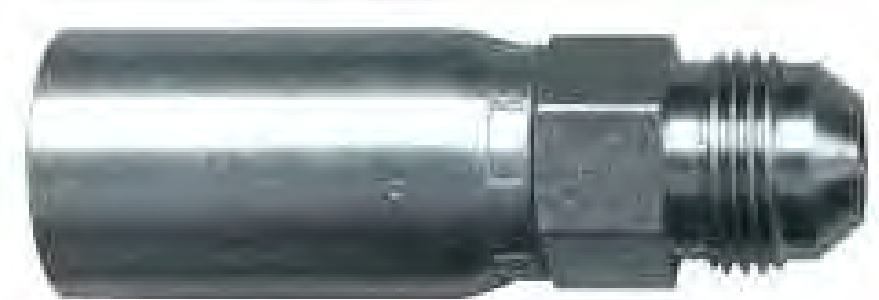
**Male Pipe  
(Working  
Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SC625SW-4B  | 1/4       | 1/4  |
| SC625SW-6B  | 3/8       | 1/4  |
| SC625SW-6C  | 3/8       | 3/8  |
| SC625SW-6D  | 3/8       | 1/2  |
| SC625SW-8D  | 1/2       | 1/2  |
| SC625SW-12E | 3/4       | 3/4  |
| SC625SW-16H | 1         | 1    |



**Female  
Pipe**

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| SC626-4A | 1/4       | 1/8  |
| SC626-4B | 1/4       | 1/4  |
| SC626-6B | 3/8       | 1/4  |
| SC626-6C | 3/8       | 3/8  |
| SC626-8D | 1/2       | 1/2  |



**S.A.E. 37°  
Male Flare**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC637-44   | 1/4       | 1/4  |
| SC637-45   | 1/4       | 5/16 |
| SC637-46   | 1/4       | 3/8  |
| SC637-66   | 3/8       | 3/8  |
| SC637-68   | 3/8       | 1/2  |
| SC637-610  | 3/8       | 5/8  |
| SC637-88   | 1/2       | 1/2  |
| SC637-810  | 1/2       | 5/8  |
| SC637-812  | 1/2       | 3/4  |
| SC637-108  | 5/8       | 1/2  |
| SC637-1010 | 5/8       | 5/8  |
| SC637-1012 | 5/8       | 3/4  |
| SC637-1212 | 3/4       | 3/4  |
| SC637-1216 | 3/4       | 1    |
| SC637-1616 | 1         | 1    |



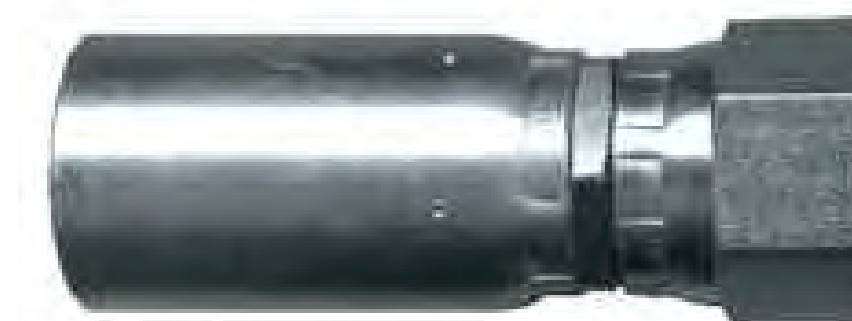
**Female  
N.P.S.M. Pipe  
(Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SC626SW-4B  | 1/4       | 1/4  |
| SC626SW-6C  | 3/8       | 3/8  |
| SC626SW-6D  | 3/8       | 1/2  |
| SC626SW-8D  | 1/2       | 1/2  |
| SC626SW-12E | 3/4       | 3/4  |
| SC626SW-16H | 1         | 1    |



**Female  
(Grease Tap)**

| PART No.   | Hose I.D. | Thread   |
|------------|-----------|----------|
| SC626GT-4A | 1/4       | 1/2 - 27 |



**S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.   | Hose I.D. | Tube  |
|------------|-----------|-------|
| SC638-44   | 1/4       | 1/4   |
| SC638-45   | 1/4       | 5/16  |
| SC638-46   | 1/4       | 3/8   |
| SC638-64   | 3/8       | 1/4   |
| SC638-66   | 3/8       | 3/8   |
| SC638-68   | 3/8       | 1/2   |
| SC638-610  | 3/8       | 5/8   |
| SC638-86   | 1/2       | 3/8   |
| SC638-88   | 1/2       | 1/2   |
| SC638-810  | 1/2       | 5/8   |
| SC638-812  | 1/2       | 3/4   |
| SC638-1010 | 5/8       | 5/8   |
| SC638-1012 | 5/8       | 3/4   |
| SC638-1210 | 3/4       | 5/8   |
| SC638-1212 | 3/4       | 3/4   |
| SC638-1214 | 3/4       | 7/8   |
| SC638-1216 | 3/4       | 1     |
| SC638-1616 | 1         | 1     |
| SC638-2020 | 1-1/4     | 1-1/4 |



**S.A.E. 45°  
Female Flare  
(Swivel)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC628-66   | 3/8       | 3/8  |
| SC628-1212 | 3/4       | 3/4  |



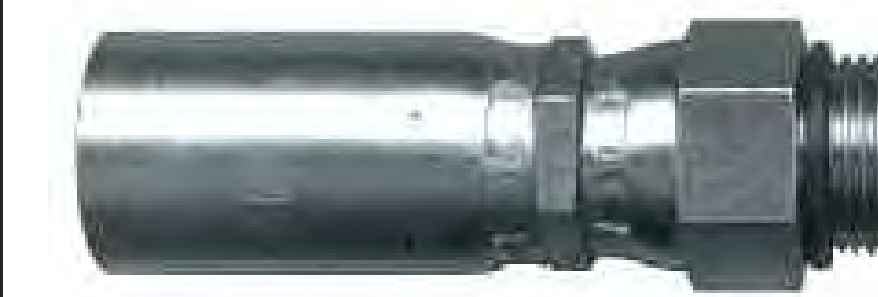
**S.A.E. 45°  
Inverted Flare  
(Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC635-44 | 1/4       | 1/4  |
| SC635-65 | 3/8       | 5/16 |
| SC635-66 | 3/8       | 3/8  |
| SC635-88 | 1/2       | 1/2  |



**Male  
O-Ring Boss**

| PART No.   | Hose I.D. | O-Ring      |
|------------|-----------|-------------|
| SC643-66   | 3/8       | 9/16 - 18   |
| SC643-68   | 3/8       | 3/4 - 16    |
| SC643-610  | 3/8       | 7/8 - 14    |
| SC643-88   | 1/2       | 3/4 - 16    |
| SC643-810  | 1/2       | 7/8 - 14    |
| SC643-1212 | 3/4       | 1-1/16 - 12 |



**Male  
O-Ring Boss  
(Swivel)**

| PART No.    | Hose I.D. | O-Ring   |
|-------------|-----------|----------|
| SC643SW-68  | 3/8       | 3/4 - 16 |
| SC643SW-88  | 1/2       | 3/4 - 16 |
| SC643SW-810 | 1/2       | 7/8 - 14 |



**Male O-Ring  
Face Seal**

| PART No.  | Hose I.D. | ORFS       |
|-----------|-----------|------------|
| SC653-66  | 3/8       | 11/16 - 16 |
| SC653-68  | 3/8       | 13/16 - 16 |
| SC653-88  | 1/2       | 13/16 - 16 |
| SC653-810 | 1/2       | 1 - 14     |



**Female O-Ring  
Face Seal  
(Swivel)**

| PART No.   | Hose I.D. | ORFS        |
|------------|-----------|-------------|
| SC658-44   | 1/4       | 9/16 - 18   |
| SC658-46   | 1/4       | 11/16 - 16  |
| SC658-66   | 3/8       | 11/16 - 16  |
| SC658-68   | 3/8       | 13/16 - 16  |
| SC658-88   | 1/2       | 13/16 - 16  |
| SC658-810  | 1/2       | 1 - 14      |
| SC658-1010 | 5/8       | 1 - 14      |
| SC658-1012 | 5/8       | 1-3/16 - 12 |
| SC658-1212 | 3/4       | 1-3/16 - 12 |
| SC658-1616 | 1         | 1-7/16 - 12 |

B

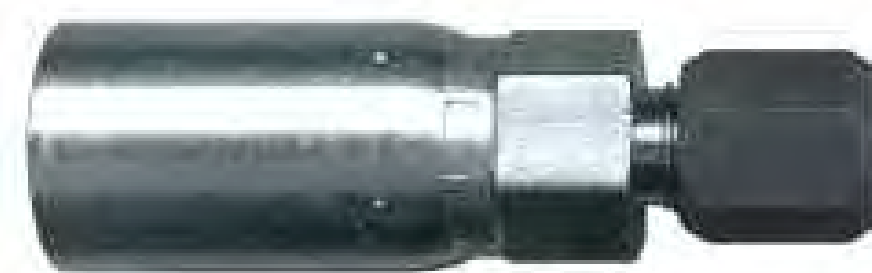


# STEEL ONE PIECE CRIMP HOSE ENDS (COMPRESSION STYLE)

USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R3, 100R4, 100R16 AND  
100R17 HOSE (Pages 115 - 117, 124 - 125)

**ITEMS SHOWN ARE INTERCHANGEABLE WITH WEATHERHEAD "U" SERIES COUPLINGS.  
(They are Fairview Equivalents and are NOT WeatherHead Original Product.)**

B



**Tube Repair  
(Flareless)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC667-44   | 1/4       | 1/4  |
| SC667-65   | 3/8       | 5/16 |
| SC667-66   | 3/8       | 3/8  |
| SC667-88   | 1/2       | 1/2  |
| SC667-810  | 1/2       | 5/8  |
| SC667-1212 | 3/4       | 3/4  |



**Hose  
Splicer**

| PART No.   | Hose I.D. |
|------------|-----------|
| SC629-44   | 1/4       |
| SC629-66   | 3/8       |
| SC629-88   | 1/2       |
| SC629-1212 | 3/4       |
| SC629-1616 | 1         |



**British  
Standard  
Pipe Parallel  
Female (Swivel)  
(BSPP)**

| PART No.       | Hose I.D. | Pipe     |
|----------------|-----------|----------|
| SCK631BSP-66   | 3/8       | 3/8 - 19 |
| SCK631BSP-88   | 1/2       | 1/2 - 14 |
| SCK631BSP-1212 | 3/4       | 3/4 - 14 |



**90° ELBOW  
Male Pipe  
(Working  
Swivel)**

| PART No.   | Hose I.D. | Pipe |
|------------|-----------|------|
| SC616SW-4B | 1/4       | 1/4  |
| SC616SW-6C | 3/8       | 3/8  |
| SC616SW-8D | 1/2       | 1/2  |



**90° ELBOW  
Male O-Ring  
Boss  
(Working  
Swivel)**

| PART No.  | Hose I.D. | O-Ring    |
|-----------|-----------|-----------|
| SC636-66  | 3/8       | 9/16 - 18 |
| SC636-68  | 3/8       | 3/4 - 16  |
| SC636-610 | 3/8       | 7/8 - 14  |
| SC636-88  | 1/2       | 3/4 - 16  |
| SC636-810 | 1/2       | 7/8 - 14  |



**90° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC639-44   | 1/4       | 1/4  |
| SC639-46   | 1/4       | 5/16 |
| SC639-66   | 3/8       | 3/8  |
| SC639-68   | 3/8       | 1/2  |
| SC639-88   | 1/2       | 1/2  |
| SC639-810  | 1/2       | 5/8  |
| SC639-1010 | 5/8       | 5/8  |
| SC639-1212 | 3/4       | 3/4  |
| SC639-1616 | 1         | 1    |



**90° ELBOW  
(LONG STYLE)  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.    | Hose I.D. | Tube |
|-------------|-----------|------|
| SC639L-44   | 1/4       | 1/4  |
| SC639L-66   | 3/8       | 3/8  |
| SC639L-68   | 3/8       | 1/2  |
| SC639L-88   | 1/2       | 1/2  |
| SC639L-1212 | 3/4       | 3/4  |



**90° ELBOW  
S.A.E. 45°  
Female Flare  
(Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC641-66 | 3/8       | 3/8  |



**90° ELBOW  
S.A.E. 45°  
Inverted  
Flare  
(Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC631-44 | 1/4       | 1/4  |
| SC631-66 | 3/8       | 3/8  |
| SC631-88 | 1/2       | 1/2  |



**90° ELBOW  
British Standard  
Parallel Pipe  
Female (Swivel)  
(BSPP)**

| PART No.     | Hose I.D. | BSPP     |
|--------------|-----------|----------|
| SCK639BSP-66 | 3/8       | 3/8 - 19 |
| SCK639BSP-88 | 1/2       | 1/2 - 14 |



**90° ELBOW  
Female O-Ring  
Face Seal  
(Swivel)**

| PART No.   | HOSE | ORFS        |
|------------|------|-------------|
| SC659-44   | 1/4  | 9/16 - 18   |
| SC659-46   | 1/4  | 11/16 - 16  |
| SC659-66   | 3/8  | 11/16 - 16  |
| SC659-68   | 3/8  | 13/16 - 16  |
| SC659-88   | 1/2  | 13/16 - 16  |
| SC659-810  | 1/2  | 1 - 14      |
| SC659-1010 | 5/8  | 1 - 14      |
| SC659-1012 | 5/8  | 1-3/16 - 12 |
| SC659-1212 | 3/4  | 1-3/16 - 12 |
| SC659-1616 | 1    | 1-7/16 - 12 |



**45° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC640-44   | 1/4       | 1/4  |
| SC640-66   | 3/8       | 3/8  |
| SC640-68   | 3/8       | 1/2  |
| SC640-88   | 1/2       | 1/2  |
| SC640-810  | 1/2       | 5/8  |
| SC640-1212 | 3/4       | 3/4  |
| SC640-1616 | 1         | 1    |



**45° ELBOW  
S.A.E. 45°  
Inverted Flare  
(Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC632-44 | 1/4       | 1/4  |
| SC632-66 | 3/8       | 3/8  |



**45° ELBOW  
Female O-Ring  
Face Seal  
(Swivel)**

| PART No.  | Hose I.D. | ORFS       |
|-----------|-----------|------------|
| SC650-44  | 1/4       | 9/16 - 18  |
| SC650-66  | 3/8       | 11/16 - 16 |
| SC650-88  | 1/2       | 13/16 - 16 |
| SC650-810 | 1/2       | 1 - 14     |



# STEEL ONE PIECE CRIMP HOSE ENDS

## (BITE-TO-THE-WIRE)



FOR USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R16 AND  
100R17 HOSE (Pages 115 - 116, 124 - 125)

**ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "43" SERIES COUPLINGS.**  
**(They are Fairview Equivalents and are NOT PARKER Original Product.)**



**Male Pipe**

| PART No.  | Hose I.D. | Pipe  |
|-----------|-----------|-------|
| SC925-4A  | 1/4       | 1/8   |
| SC925-4B  | 1/4       | 1/4   |
| SC925-4C  | 1/4       | 3/8   |
| SC925-4D  | 1/4       | 1/2   |
| SC925-6B  | 3/8       | 1/4   |
| SC925-6C  | 3/8       | 3/8   |
| SC925-6D  | 3/8       | 1/2   |
| SC925-8C  | 1/2       | 3/8   |
| SC925-8D  | 1/2       | 1/2   |
| SC925-8E  | 1/2       | 3/4   |
| SC925-12D | 3/4       | 1/2   |
| SC925-12E | 3/4       | 3/4   |
| SC925-12H | 3/4       | 1     |
| SC925-16E | 1         | 3/4   |
| SC925-16H | 1         | 1     |
| SC925-20J | 1-1/4     | 1-1/4 |



**Male Pipe  
(Working Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SC925SW-4B  | 1/4       | 1/4  |
| SC925SW-6B  | 3/8       | 1/4  |
| SC925SW-6C  | 3/8       | 3/8  |
| SC925SW-6D  | 3/8       | 1/2  |
| SC925SW-8D  | 1/2       | 1/2  |
| SC925SW-12E | 3/4       | 3/4  |
| SC925SW-16H | 1         | 1    |



**Female Pipe**

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| SC926-4B | 1/4       | 1/4  |
| SC926-6B | 3/8       | 1/4  |
| SC926-6C | 3/8       | 3/8  |
| SC926-8D | 1/2       | 1/2  |



**S.A.E. 37°  
Male Flare**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC937-44   | 1/4       | 1/4  |
| SC937-45   | 1/4       | 5/16 |
| SC937-46   | 1/4       | 3/8  |
| SC937-66   | 3/8       | 3/8  |
| SC937-68   | 3/8       | 1/2  |
| SC937-610  | 3/8       | 5/8  |
| SC937-88   | 1/2       | 1/2  |
| SC937-810  | 1/2       | 5/8  |
| SC937-812  | 1/2       | 3/4  |
| SC937-1010 | 5/8       | 5/8  |
| SC937-1012 | 5/8       | 3/4  |
| SC937-1212 | 3/4       | 3/4  |
| SC937-1216 | 3/4       | 1    |
| SC937-1616 | 1         | 1    |



**S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.   | Hose I.D. | Tube  |
|------------|-----------|-------|
| SC938-44   | 1/4       | 1/4   |
| SC938-45   | 1/4       | 5/16  |
| SC938-46   | 1/4       | 3/8   |
| SC938-64   | 3/8       | 1/4   |
| SC938-66   | 3/8       | 3/8   |
| SC938-68   | 3/8       | 1/2   |
| SC938-610  | 3/8       | 5/8   |
| SC938-86   | 1/2       | 3/8   |
| SC938-88   | 1/2       | 1/2   |
| SC938-810  | 1/2       | 5/8   |
| SC938-812  | 1/2       | 3/4   |
| SC938-1010 | 5/8       | 5/8   |
| SC938-1012 | 5/8       | 3/4   |
| SC938-1210 | 3/4       | 5/8   |
| SC938-1212 | 3/4       | 3/4   |
| SC938-1214 | 3/4       | 7/8   |
| SC938-1216 | 3/4       | 1     |
| SC938-1612 | 1         | 3/4   |
| SC938-1616 | 1         | 1     |
| SC938-2020 | 1-1/4     | 1-1/4 |
| SC938-2424 | 1-1/2     | 1-1/2 |



**Female  
NPSM Pipe  
(Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SC926SW-4B  | 1/4       | 1/4  |
| SC926SW-6C  | 3/8       | 3/8  |
| SC926SW-6D  | 3/8       | 1/2  |
| SC926SW-8D  | 1/2       | 1/2  |
| SC926SW-12E | 3/4       | 3/4  |
| SC926SW-16H | 1         | 1    |



**Female  
(Grease Tap)**

| PART No.   | Hose I.D. | Thread   |
|------------|-----------|----------|
| SC926GT-4A | 1/4       | 1/2 - 27 |



**S.A.E. 45°  
Female Flare  
(Swivel)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC928-66   | 3/8       | 3/8  |
| SC928-1212 | 3/4       | 3/4  |



**S.A.E. 45°  
Inverted Flare  
(Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC935-44 | 1/4       | 1/4  |
| SC935-66 | 3/8       | 3/8  |



**Male  
O-Ring Boss**

| PART No.   | Hose I.D. | O-Ring      |
|------------|-----------|-------------|
| SC943-44   | 1/4       | 7/16 - 18   |
| SC943-46   | 1/4       | 9/16 - 18   |
| SC943-66   | 3/8       | 9/16 - 18   |
| SC943-68   | 3/8       | 3/4 - 16    |
| SC943-88   | 1/2       | 3/4 - 16    |
| SC943-810  | 1/2       | 7/8 - 14    |
| SC943-1212 | 3/4       | 1-1/16 - 12 |



**Male  
O-Ring Boss  
(Working Swivel)**

| PART No.   | Hose I.D. | O-Ring   |
|------------|-----------|----------|
| SC943SW-68 | 3/8       | 3/4 - 16 |
| SC943SW-88 | 1/2       | 3/4 - 16 |



**Male  
O-Ring Face  
Seal**

| PART No.   | Hose I.D. | ORFS        |
|------------|-----------|-------------|
| SC953-44   | 1/4       | 9/16 - 18   |
| SC953-66   | 3/8       | 11/16 - 16  |
| SC953-68   | 3/8       | 13/16 - 16  |
| SC953-88   | 1/2       | 13/16 - 16  |
| SC953-810  | 1/2       | 1 - 14      |
| SC953-1010 | 5/8       | 1 - 14      |
| SC953-1212 | 3/4       | 1-3/16 - 12 |



**Female  
O-Ring Face  
Seal  
(Swivel)**

| PART No.   | Hose I.D. | ORFS        |
|------------|-----------|-------------|
| SC958-44   | 1/4       | 9/16 - 18   |
| SC958-46   | 1/4       | 11/16 - 16  |
| SC958-66   | 3/8       | 11/16 - 16  |
| SC958-68   | 3/8       | 13/16 - 16  |
| SC958-88   | 1/2       | 13/16 - 16  |
| SC958-810  | 1/2       | 1 - 14      |
| SC958-1010 | 5/8       | 1 - 14      |
| SC958-1012 | 5/8       | 1-3/16 - 12 |
| SC958-1212 | 3/4       | 1-3/16 - 12 |
| SC958-1616 | 1         | 1-7/16 - 12 |



**Tube  
Repair  
(Flareless)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC967-65   | 3/8       | 5/16 |
| SC967-66   | 3/8       | 3/8  |
| SC967-88   | 1/2       | 1/2  |
| SC967-810  | 1/2       | 5/8  |
| SC967-1212 | 3/4       | 3/4  |

B

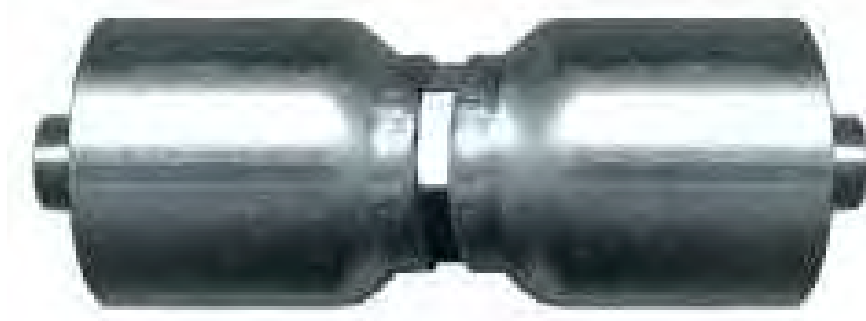


# STEEL ONE PIECE CRIMP HOSE ENDS (BITE-TO-THE-WIRE)

FOR USE WITH S.A.E. 100R1-AT, 100R2-AT, T1SN, T2SN, 100R16 AND  
100R17 HOSE (Pages 115 - 116, 124 - 125)

**ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "43" SERIES COUPLINGS.  
(They are Fairview Equivalents and are NOT PARKER Original Product.)**

B



**Hose Splicer**

| PART No.   | Hose I.D. |
|------------|-----------|
| SC929-44   | 1/4       |
| SC929-66   | 3/8       |
| SC929-88   | 1/2       |
| SC929-1212 | 3/4       |



**British Standard Pipe Parallel Female (Swivel) (BSPP)**

| PART No.    | Hose I.D. | Pipe     |
|-------------|-----------|----------|
| SC931BSP-44 | 1/4       | 1/4 - 19 |
| SC931BSP-66 | 3/8       | 3/8 - 19 |
| SC931BSP-88 | 1/2       | 1/2 - 14 |



**Female 30° JIS Flare Parallel Pipe Female (Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SC931JIS-66 | 3/8       | 3/8  |



**Universal Seat (Light) Female (Swivel) (DIN)**

| PART No.     | Hose I.D. | Tube  | Metric  |
|--------------|-----------|-------|---------|
| SC931LM-4-16 | 1/4       | 10 MM | M16X1.5 |
| SC931LM-6-16 | 3/8       | 10 MM | M16X1.5 |
| SC931LM-6-18 | 3/8       | 12 MM | M18X1.5 |
| SC931LM-8-22 | 1/2       | 15 MM | M22X1.5 |



**90° ELBOW Male Pipe (Working Swivel)**

| PART No.   | Hose I.D. | Pipe |
|------------|-----------|------|
| SC916SW-4B | 1/4       | 1/4  |
| SC916SW-6C | 3/8       | 3/8  |
| SC916SW-8D | 1/2       | 1/2  |



**90° ELBOW Male O-Ring Boss (Working Swivel)**

| PART No.  | Hose I.D. | O-Ring    |
|-----------|-----------|-----------|
| SC936-66  | 3/8       | 9/16 - 18 |
| SC936-68  | 3/8       | 3/4 - 16  |
| SC936-88  | 1/2       | 3/4 - 16  |
| SC936-810 | 1/2       | 7/8 - 14  |



**90° ELBOW S.A.E. 37° Female Flare (Swivel)**

| PART No.   | Hose I.D. | Tube  |
|------------|-----------|-------|
| SC939-44   | 1/4       | 1/4   |
| SC939-46   | 1/4       | 3/8   |
| SC939-66   | 3/8       | 3/8   |
| SC939-68   | 3/8       | 1/2   |
| SC939-88   | 1/2       | 1/2   |
| SC939-810  | 1/2       | 5/8   |
| SC939-1010 | 5/8       | 5/8   |
| SC939-1212 | 3/4       | 3/4   |
| SC939-1616 | 1         | 1     |
| SC939-2020 | 1-1/4     | 1-1/4 |



**90° ELBOW (LONG STYLE) S.A.E. 37° Female Flare (Swivel)**

| PART No.    | Hose I.D. | Tube |
|-------------|-----------|------|
| SC939L-44   | 1/4       | 1/4  |
| SC939L-46   | 1/4       | 3/8  |
| SC939L-66   | 3/8       | 3/8  |
| SC939L-88   | 1/2       | 1/2  |
| SC939L-810  | 1/2       | 5/8  |
| SC939L-1212 | 3/4       | 3/4  |
| SC939L-1616 | 1         | 1    |



**90° ELBOW S.A.E. 45° Female Flare (Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC941-66 | 3/8       | 3/8  |



**90° ELBOW S.A.E. 45° Inverted Flare (Swivel)**

| PART No. | Hose I.D. | Tube |
|----------|-----------|------|
| SC931-44 | 1/4       | 1/4  |
| SC931-66 | 3/8       | 3/8  |



**90° ELBOW Female O-Ring Face Seal (Swivel)**

| PART No.   | HOSE | ORFS        |
|------------|------|-------------|
| SC959-44   | 1/4  | 9/16 - 18   |
| SC959-46   | 1/4  | 11/16 - 16  |
| SC959-66   | 3/8  | 11/16 - 16  |
| SC959-68   | 3/8  | 13/16 - 16  |
| SC959-88   | 1/2  | 13/16 - 16  |
| SC959-810  | 1/2  | 1 - 14      |
| SC959-1010 | 5/8  | 1 - 14      |
| SC959-1212 | 3/4  | 1-3/16 - 12 |
| SC959-1616 | 1    | 1-7/16 - 12 |



**90° ELBOW British Standard Pipe Parallel Female (Swivel) (BSPP)**

| PART No.    | Hose I.D. | Pipe     |
|-------------|-----------|----------|
| SC939BSP-44 | 1/4       | 1/4 - 19 |
| SC939BSP-66 | 3/8       | 3/8 - 19 |
| SC939BSP-88 | 1/2       | 1/2 - 14 |



**45° ELBOW S.A.E. 37° Female Flare (Swivel)**

| PART No.   | Hose I.D. | Tube |
|------------|-----------|------|
| SC940-44   | 1/4       | 1/4  |
| SC940-46   | 1/4       | 3/8  |
| SC940-66   | 3/8       | 3/8  |
| SC940-68   | 3/8       | 1/2  |
| SC940-88   | 1/2       | 1/2  |
| SC940-810  | 1/2       | 5/8  |
| SC940-1010 | 5/8       | 5/8  |
| SC940-1212 | 3/4       | 3/4  |
| SC940-1616 | 1         | 1    |



**45° ELBOW Female O-Ring Face Seal (Swivel)**

| PART No.   | Hose I.D. | ORFS        |
|------------|-----------|-------------|
| SC950-44   | 1/4       | 9/16 - 18   |
| SC950-46   | 1/4       | 11/16 - 16  |
| SC950-66   | 3/8       | 11/16 - 16  |
| SC950-68   | 3/8       | 13/16 - 16  |
| SC950-88   | 1/2       | 13/16 - 16  |
| SC950-810  | 1/2       | 1 - 14      |
| SC950-1010 | 5/8       | 1 - 14      |
| SC950-1212 | 3/4       | 1-3/16 - 12 |
| SC950-1616 | 1         | 1-7/16 - 12 |



**45° ELBOW British Standard Pipe Parallel Female (Swivel) (BSPP)**

| PART No.    | Hose I.D. | Pipe     |
|-------------|-----------|----------|
| SC940BSP-44 | 1/4       | 1/4 - 19 |
| SC940BSP-66 | 3/8       | 3/8 - 19 |



# STEEL ONE PIECE CRIMP MULTI-SPIRAL HOSE ENDS

(NON-SKIVE / BITE-TO-THE-WIRE)



FOR USE WITH S.A.E. 100R12 HOSE

**ITEMS SHOWN ARE INTERCHANGEABLE WITH PARKER "71" SERIES COUPLINGS.**  
**(They are Fairview Equivalents and are NOT PARKER Original Product.)**



**Male Pipe**

| PART No.     | Hose I.D. | Pipe  |
|--------------|-----------|-------|
| SCT925MS-8D  | 1/2       | 1/2   |
| SCT925MS-12E | 3/4       | 3/4   |
| SCT925MS-16H | 1         | 1     |
| SCT925MS-20J | 1-1/4     | 1-1/4 |
| SCT925MS-24K | 1-1/2     | 1-1/2 |



**Split Flange  
Code 61**

| PART No.      | Hose I.D. | Flange |
|---------------|-----------|--------|
| SCT900MS-1212 | 3/4       | 3/4    |
| SCT900MS-1616 | 1         | 1      |
| SCT900MS-2020 | 1-1/4     | 1-1/4  |

Code 62 Available SCT900MS62 in series.



**90° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.      | Hose I.D. | Tube  |
|---------------|-----------|-------|
| SCT939MS-88   | 1/2       | 1/2   |
| SCT939MS-810  | 1/2       | 5/8   |
| SCT939MS-1212 | 3/4       | 3/4   |
| SCT939MS-1616 | 1         | 1     |
| SCT939MS-2020 | 1-1/4     | 1-1/4 |



**S.A.E. 37°  
Male Flare**

| PART No.      | Hose I.D. | Tube  |
|---------------|-----------|-------|
| SCT937MS-88   | 1/2       | 1/2   |
| SCT937MS-810  | 1/2       | 5/8   |
| SCT937MS-1212 | 3/4       | 3/4   |
| SCT937MS-1616 | 1         | 1     |
| SCT937MS-2020 | 1-1/4     | 1-1/4 |



**45° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.      | Hose I.D. | Tube |
|---------------|-----------|------|
| SCT940MS-88   | 1/2       | 1/2  |
| SCT940MS-810  | 1/2       | 5/8  |
| SCT940MS-1212 | 3/4       | 3/4  |
| SCT940MS-1216 | 3/4       | 1    |
| SCT940MS-1616 | 1         | 1    |



**90° ELBOW  
BSP Parallel  
Female  
60° Cone  
(Swivel)**

| PART No.         | Hose I.D. | Thread   |
|------------------|-----------|----------|
| SCT939BSPMS-1212 | 3/4       | 3/4 - 14 |
| SCT939BSPMS-1616 | 1         | 1 - 11   |



**S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.      | Hose I.D. | Tube  |
|---------------|-----------|-------|
| SCT938MS-88   | 1/2       | 1/2   |
| SCT938MS-810  | 1/2       | 5/8   |
| SCT938MS-1212 | 3/4       | 3/4   |
| SCT938MS-1212 | 3/4       | 3/4   |
| SCT938MS-1216 | 3/4       | 1     |
| SCT938MS-2020 | 1-1/4     | 1-1/4 |
| SCT938MS-2424 | 1-1/2     | 1-1/2 |



**45° ELBOW  
Split Flange  
Code 61**

| PART No.      | Hose I.D. | Flange |
|---------------|-----------|--------|
| SCT945MS-1616 | 1         | 1      |
| SCT945MS-2020 | 1-1/4     | 1-1/4  |

Code 62 Available SCT945MS62 series.



**90° ELBOW  
Female O-Ring  
Face Seal  
(Swivel)**

| PART No.      | Hose I.D. | ORFS         |
|---------------|-----------|--------------|
| SCT959MS-88   | 1/2       | 13/16 - 16   |
| SCT959MS-810  | 1/2       | 1 - 14       |
| SCT959MS-1212 | 3/4       | 1-3/16 - 12  |
| SCT959MS-1616 | 1         | 1-7/16 - 12  |
| SCT959MS-2020 | 1-1/4     | 1-11/16 - 12 |



**90° ELBOW  
Split Flange  
Code 61**

| PART No.      | Hose I.D. | Flange |
|---------------|-----------|--------|
| SCT990MS-1212 | 3/4       | 3/4    |
| SCT990MS-1216 | 3/4       | 1      |
| SCT990MS-1616 | 1         | 1      |
| SCT990MS-1620 | 1         | 1-1/4  |
| SCT990MS-2020 | 1-1/4     | 1-1/4  |

Code 62 Available SCT990MS62 series.



**Female O-Ring  
Face Seal  
(Swivel)**

| PART No.      | Hose I.D. | ORFS         |
|---------------|-----------|--------------|
| SCT958MS-88   | 1/2       | 13/16 - 16   |
| SCT958MS-810  | 1/2       | 1 - 14       |
| SCT958MS-1212 | 3/4       | 1-3/16 - 12  |
| SCT958MS-1616 | 1         | 1-7/16 - 12  |
| SCT958MS-2020 | 1-1/4     | 1-11/16 - 12 |



**45° ELBOW  
Female O-Ring  
Face Seal  
(Swivel)**

| PART No.      | Hose I.D. | ORFS        |
|---------------|-----------|-------------|
| SCT950MS-88   | 3/4       | 13/16 - 16  |
| SCT950MS-1212 | 3/4       | 1-3/16 - 12 |
| SCT950MS-1616 | 1         | 1-7/16 - 12 |



**British Standard  
Pipe Parallel  
Female  
60° Cone  
(Swivel)**

| PART No.         | Hose I.D. | Thread   |
|------------------|-----------|----------|
| SCT931BSPMS-1212 | 3/4       | 3/4 - 14 |
| SCT931BSPMS-1616 | 1         | 1 - 11   |

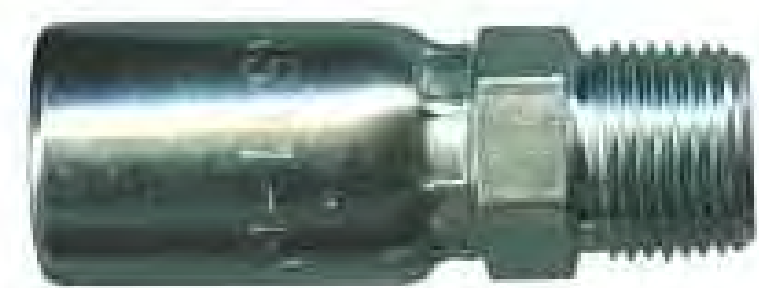
B



FOR USE WITH S.A.E. 100R5 HOSE (Page 108)

**ITEMS SHOWN ARE INTERCHANGEABLE WITH WEATHERHEAD "069E" SERIES COUPLINGS. (THEY ARE FAIRVIEW EQUIVALENTS AND ARE NOT WEATHERHEAD ORIGINAL PRODUCT.)**

B



**Male Pipe**

| PART No.   | Nominal Hose I.D. | Pipe  |
|------------|-------------------|-------|
| SCW525-4B  | 1/4               | 1/4   |
| SCW525-6B  | 3/8               | 1/4   |
| SCW525-6C  | 3/8               | 3/8   |
| SCW525-8C  | 1/2               | 3/8   |
| SCW525-8D  | 1/2               | 1/2   |
| SCW525-10D | 5/8               | 1/2   |
| SCW525-12E | 3/4               | 3/4   |
| SCW525-16H | 1                 | 1     |
| SCW525-20J | 1-1/4             | 1-1/4 |
| SCW525-32M | 2                 | 2     |



**S.A.E. 37° Female Flare (Swivel)**

| PART No.    | Nominal Hose I.D. | Tube  |
|-------------|-------------------|-------|
| SCW538-44   | 1/4               | 1/4   |
| SCW538-66   | 3/8               | 3/8   |
| SCW538-88   | 1/2               | 1/2   |
| SCW538-108  | 5/8               | 1/2   |
| SCW538-1010 | 5/8               | 5/8   |
| SCW538-1212 | 3/4               | 3/4   |
| SCW538-1616 | 1                 | 1     |
| SCW538-2020 | 1-1/4             | 1-1/4 |
| SCW538-3232 | 2                 | 2     |



**90° ELBOW S.A.E. 37° Female Flare (Swivel)**

| PART No.    | Nominal Hose I.D. | Tube |
|-------------|-------------------|------|
| SCW539-44   | 1/4               | 1/4  |
| SCW539-66   | 3/8               | 3/8  |
| SCW539-88   | 1/2               | 1/2  |
| SCW539-1212 | 3/4               | 3/4  |
| SCW539-1616 | 1                 | 1    |



**S.A.E. 45° Female Flare (Swivel)**

| PART No.    | Nominal Hose I.D. | Tube |
|-------------|-------------------|------|
| SCW528-66   | 3/8               | 3/8  |
| SCW528-1212 | 3/4               | 3/4  |



**45° ELBOW S.A.E. 37° Female Flare (Swivel)**

| PART No.    | Nominal Hose I.D. | Tube |
|-------------|-------------------|------|
| SCW540-1212 | 3/4               | 3/4  |
| SCW540-1616 | 1                 | 1    |



**90° ELBOW S.A.E. 45° Female Flare (Swivel)**

| PART No.    | Nominal Hose I.D. | Tube |
|-------------|-------------------|------|
| SCW541-66   | 3/8               | 3/8  |
| SCW541-1212 | 3/4               | 3/4  |





# STEEL REUSABLE HOSE ENDS

## FOR USE WITH S.A.E. 100R5 HOSE (Page 108)



**Male Pipe**

| PART No.  | Nominal Hose I.D. | Pipe  |
|-----------|-------------------|-------|
| SR525-4A  | 1/4               | 1/8   |
| SR525-4B  | 1/4               | 1/4   |
| SR525-5B  | 5/16              | 1/4   |
| SR525-6B  | 3/8               | 1/4   |
| SR525-6C  | 3/8               | 3/8   |
| SR525-8C  | 1/2               | 3/8   |
| SR525-8D  | 1/2               | 1/2   |
| SR525-10D | 5/8               | 1/2   |
| SR525-12E | 3/4               | 3/4   |
| SR525-16H | 1                 | 1     |
| SR525-20J | 1-1/4             | 1-1/4 |
| SR525-24K | 1-1/2             | 1-1/2 |
| SR525-32M | 2                 | 2     |



**S.A.E. 45° Male Flare**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR527-44   | 1/4               | 1/4  |
| SR527-66   | 3/8               | 3/8  |
| SR527-1010 | 5/8               | 5/8  |
| SR527-1212 | 3/4               | 3/4  |



**S.A.E. 37° MALE FLARE**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR537-44   | 1/4               | 1/4  |
| SR537-66   | 3/8               | 3/8  |
| SR537-88   | 1/2               | 1/2  |
| SR537-1010 | 5/8               | 5/8  |
| SR537-1212 | 3/4               | 3/4  |
| SR537-1616 | 1                 | 1    |



**S.A.E. 45° Female Flare (Swivel)**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR528-44   | 1/4               | 1/4  |
| SR528-55   | 5/16              | 5/16 |
| SR528-66   | 3/8               | 3/8  |
| SR528-88   | 1/2               | 1/2  |
| SR528-1010 | 5/8               | 5/8  |
| SR528-1212 | 3/4               | 3/4  |



**S.A.E. 37° Female Flare (Swivel) Two Piece Design**

| PART No.   | Nominal Hose I.D. | Tube  |
|------------|-------------------|-------|
| SR538-44   | 1/4               | 1/4   |
| SR538-55   | 5/16              | 5/16  |
| SR538-66   | 3/8               | 3/8   |
| SR538-88   | 1/2               | 1/2   |
| SR538-1010 | 5/8               | 5/8   |
| SR538-1212 | 3/4               | 3/4   |
| SR538-1616 | 1                 | 1     |
| SR538-2020 | 1-1/4             | 1-1/4 |
| SR538-2424 | 1-1/2             | 1-1/2 |
| SR538-3232 | 2                 | 2     |



**S.A.E. 45° Inverted Flare (Swivel)**

| PART No. | Nominal Hose I.D. | Tube |
|----------|-------------------|------|
| SR535-66 | 3/8               | 3/8  |



**90° ELBOW S.A.E. 37° Female Flare (Swivel)**

| PART No.   | Nominal Hose I.D. | Tube  |
|------------|-------------------|-------|
| SR539-44   | 1/4               | 1/4   |
| SR539-55   | 5/16              | 5/16  |
| SR539-66   | 3/8               | 3/8   |
| SR539-88   | 1/2               | 1/2   |
| SR539-1010 | 5/8               | 5/8   |
| SR539-1212 | 3/4               | 3/4   |
| SR539-1616 | 1                 | 1     |
| SR539-2020 | 1-1/4             | 1-1/4 |



**90° ELBOW (LONG STYLE) S.A.E. 37° Female Flare (Swivel)**

| PART No.  | Nominal Hose I.D. | Tube |
|-----------|-------------------|------|
| SR539L-66 | 3/8               | 3/8  |



**90° ELBOW S.A.E. 45° Female Flare (Swivel)**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR541-44   | 1/4               | 1/4  |
| SR541-66   | 3/8               | 3/8  |
| SR541-1212 | 3/4               | 3/4  |



**90° ELBOW S.A.E. 45° Inverted Flare (Swivel)**

| PART No. | Nominal Hose I.D. | Tube |
|----------|-------------------|------|
| SR595-66 | 3/8               | 3/8  |



**45° ELBOW S.A.E. 37° Female Flare (Swivel)**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR540-44   | 1/4               | 1/4  |
| SR540-66   | 3/8               | 3/8  |
| SR540-88   | 1/2               | 1/2  |
| SR540-1010 | 5/8               | 5/8  |
| SR540-1212 | 3/4               | 3/4  |
| SR540-1616 | 1                 | 1    |

B



# STEEL REUSABLE HOSE ENDS

FOR USE WITH: S.A.E. 100R1-AT (NON SKIVE) HOSE

FOR USE WITH: S.A.E. 100R2-AT (NON SKIVE) HOSE

B



Male Pipe

| PART No.  | Hose I.D. | Pipe |
|-----------|-----------|------|
| SRT125-4B | 1/4       | 1/4  |
| SRT125-6C | 3/8       | 3/8  |
| SRT125-8D | 1/2       | 1/2  |



S.A.E. 37° Female Flare (Swivel)

| PART No.    | Hose I.D. | Tube |
|-------------|-----------|------|
| SRT138-44 * | 1/4       | 1/4  |
| SRT138-66 * | 3/8       | 3/8  |
| SRT138-88 * | 1/2       | 1/2  |



Male Pipe

| PART No.  | Hose I.D. | Pipe |
|-----------|-----------|------|
| SRT225-4B | 1/4       | 1/4  |
| SRT225-6C | 3/8       | 3/8  |
| SRT225-8D | 1/2       | 1/2  |

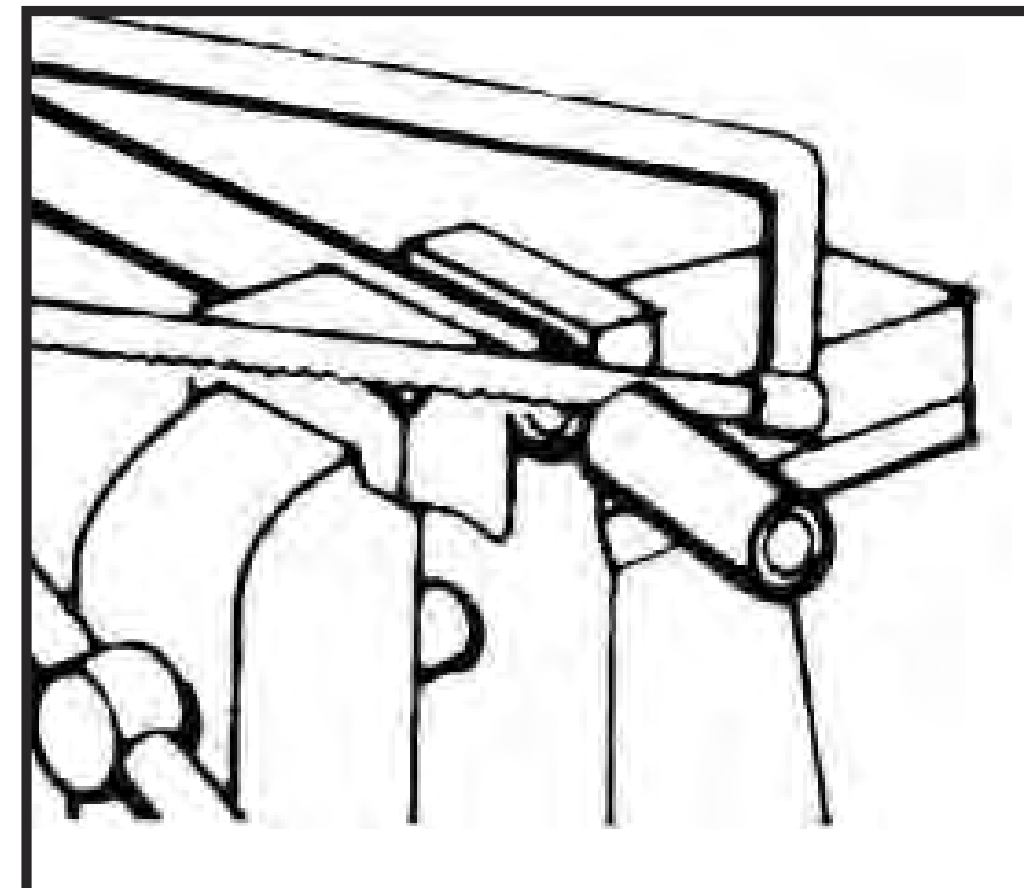


S.A.E. 37° Female Flare (Swivel)

| PART No.      | Hose I.D. | Tube |
|---------------|-----------|------|
| SRT238-44 *   | 1/4       | 1/4  |
| SRT238-66 *   | 3/8       | 3/8  |
| SRT238-88 *   | 1/2       | 1/2  |
| SRT238-1212 * | 3/4       | 3/4  |

\* Item is available in stainless steel. Change prefix to "SS" (eg. SSRT238-44) •

## ASSEMBLY INSTRUCTIONS FOR NON-SKIVE S.A.E. 100R1, 100R2 & 100R5 STEEL REUSABLE HOSE ENDS



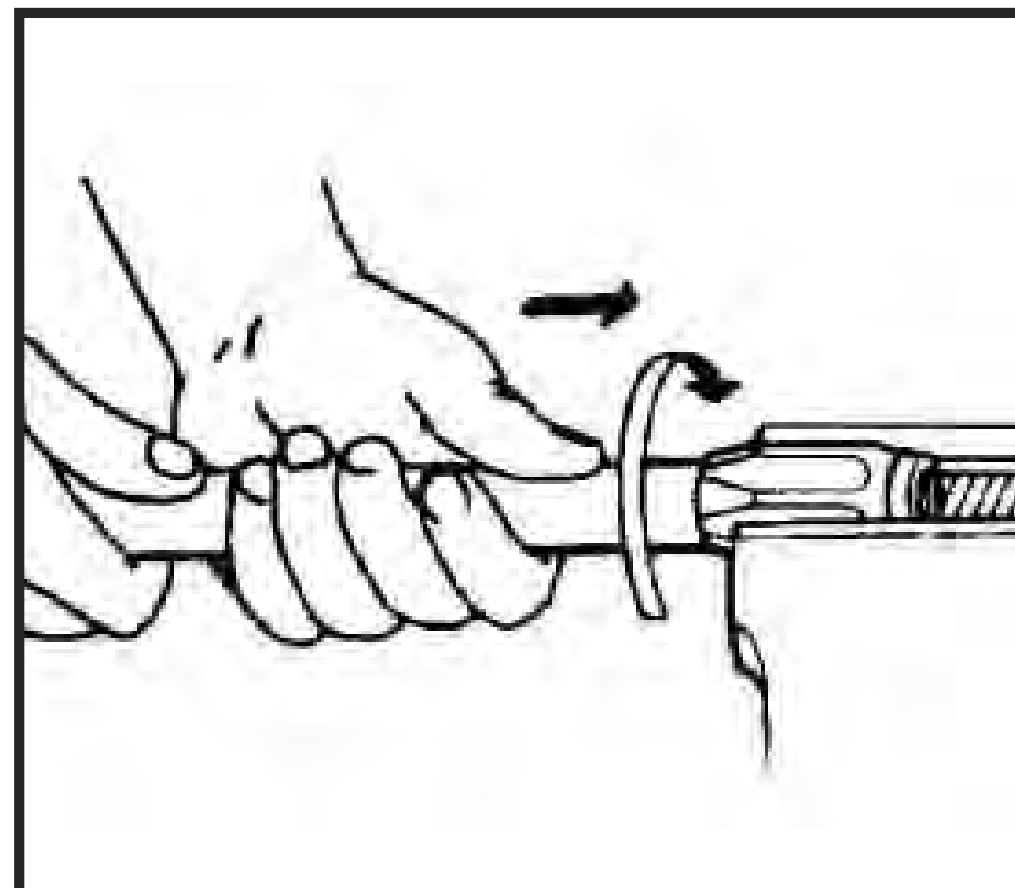
### STEP 1

Using a fine-toothed saw or cut-off wheel, cut the hose square to the desired length. Clean hose with air pressure to remove dust particles.



### STEP 2

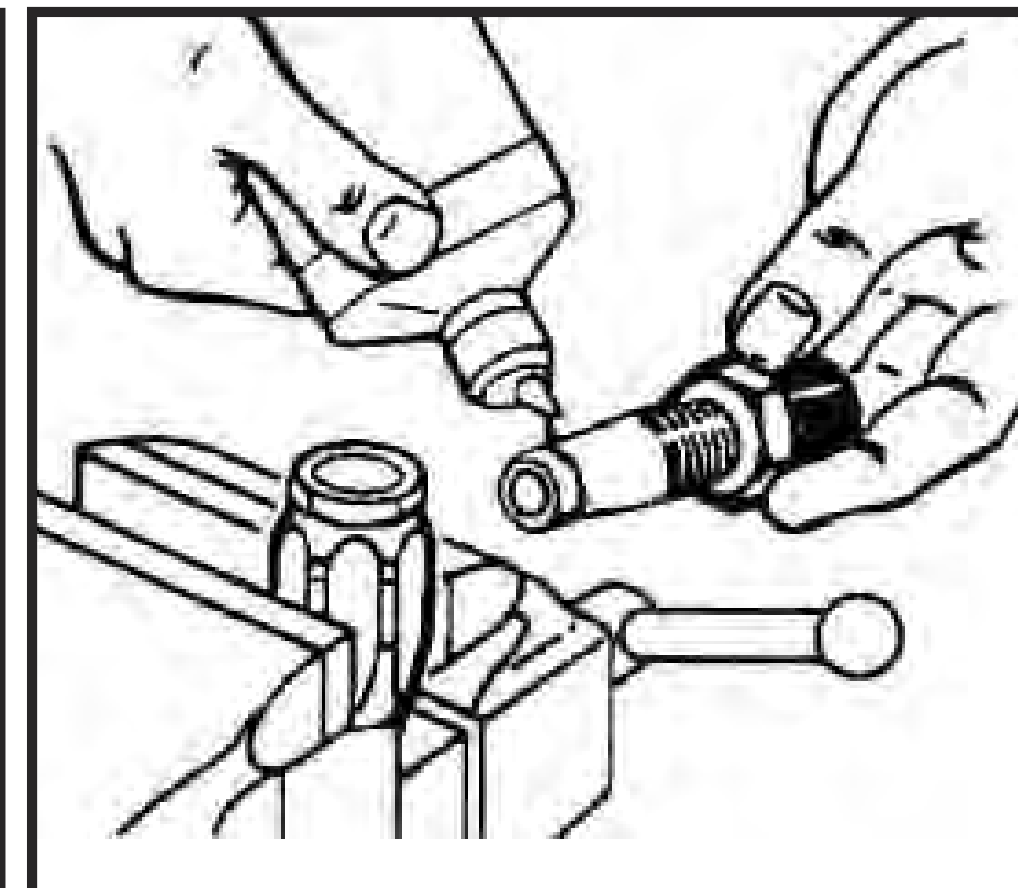
Dip the end of the hose into a lubricant. Use a light viscosity oil (S.A.E. 10 or 20)



### STEP 3

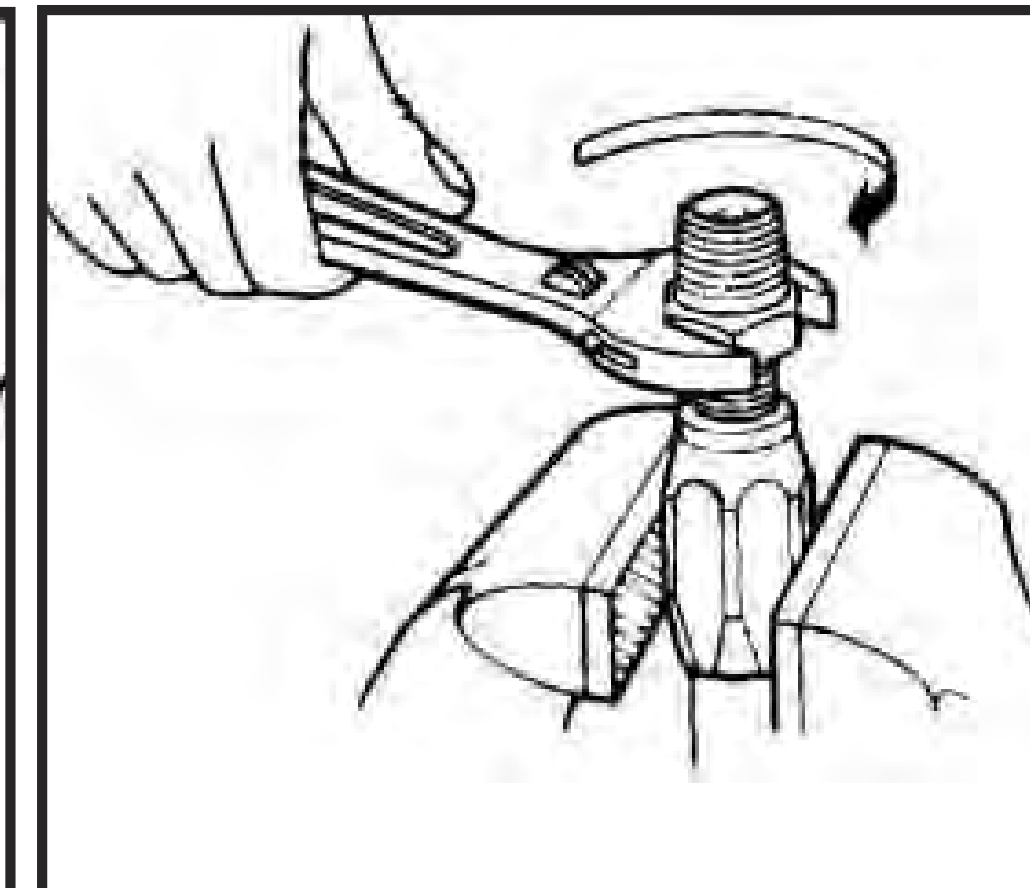
Turn the hose counterclockwise into the socket until the hose bottoms.

**IMPORTANT:** Back the hose off at least 1/2 turn, check to be sure that there is a gap of 1/32" to 1/16" between the hose end and the shoulder on the inside of the socket. Failure to provide this gap may cause cracking of the socket.



### STEP 4

Dip the nipple end into a lubricant. Refer to step 2. (Light weight oil S.A.E. 10 or 20).



### STEP 5

Turn the stem clockwise into the hose and socket until the stem hex shoulders against the ferrule.

**CAUTION:** Larger diameter hose is subject to "Neck Down" during cut-off operations. This condition does not allow the nipple to be pushed into the hose. When this happens, that portion of the hose I.D. must be chamfered with a sharp knife, just enough to allow the nipple to be pushed into the hose. Be sure to remove the cut-off rubber from the assembly.

## ONE PIECE CRIMP ENDS FOR PTFE HOSE

FOR USE WITH S.A.E. 100R14 SMOOTH BORE PTFE HOSE (Page 110)  
ALL WETTED PARTS ARE BRASS.



Male Pipe

| PART No.   | Nominal Hose I.D. | Pipe |
|------------|-------------------|------|
| SCT425-4A  | 1/4               | 1/8  |
| SCT425-4B  | 1/4               | 1/4  |
| SCT425-6C  | 3/8               | 3/8  |
| SCT425-8D  | 1/2               | 1/2  |
| SCT425-10D | 5/8               | 1/2  |
| SCT425-12E | 3/4               | 3/4  |



S.A.E. 37° Female Flare (Swivel)

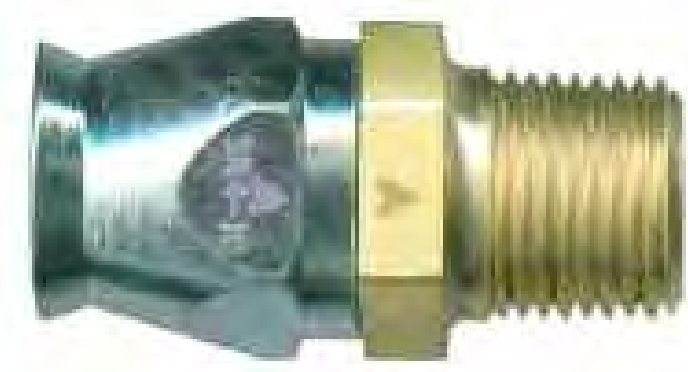
| PART No.    | Nominal Hose I.D. | Tube |
|-------------|-------------------|------|
| SCT438-44   | 1/4               | 1/4  |
| SCT438-66   | 3/8               | 3/8  |
| SCT438-88   | 1/2               | 1/2  |
| SCT438-1010 | 5/8               | 5/8  |
| SCT438-1212 | 3/4               | 3/4  |



# REUSABLE END FITTINGS FOR PTFE HOSE



**FOR USE WITH S.A.E. 100R14 SMOOTH BORE PTFE HOSE (Page 110)  
ALL WETTED PARTS ARE BRASS**



**Male Pipe**

| PART No.  | Nominal Hose I.D. | Pipe |
|-----------|-------------------|------|
| SR425-4A  | 1/4               | 1/8  |
| SR425-4B  | 1/4               | 1/4  |
| SR425-6B  | 3/8               | 1/4  |
| SR425-6C  | 3/8               | 3/8  |
| SR425-8D  | 1/2               | 1/2  |
| SR425-10D | 5/8               | 1/2  |
| SR425-12E | 3/4               | 3/4  |
| SR425-16H | 1                 | 1    |



**Female Swivel  
37° J.I.C.  
Flare**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR438-44   | 1/4               | 1/4  |
| SR438-55   | 5/16              | 5/16 |
| SR438-66   | 3/8               | 3/8  |
| SR438-88   | 1/2               | 1/2  |
| SR438-1010 | 5/8               | 5/8  |
| SR438-1212 | 3/4               | 3/4  |
| SR438-1616 | 1                 | 1    |



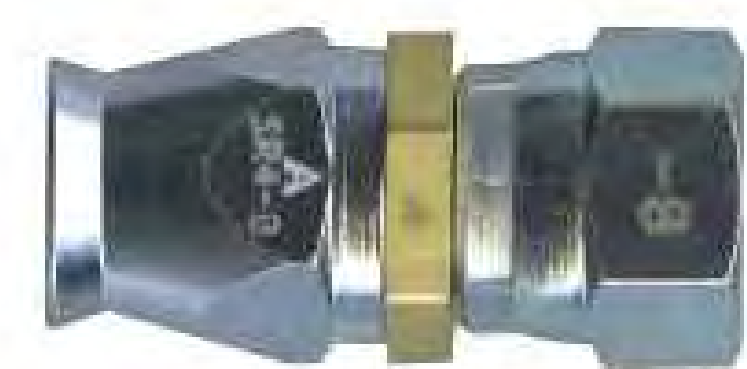
**45° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No. | Nominal Hose I.D. | Tube |
|----------|-------------------|------|
| SR440-55 | 5/16              | 5/16 |
| SR440-88 | 1/2               | 1/2  |



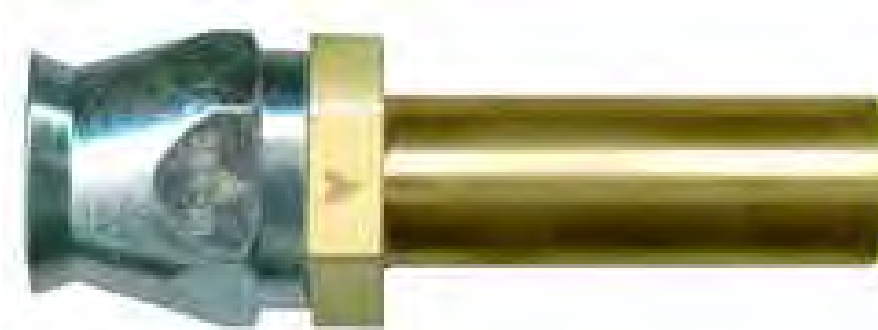
**Replacement Sleeve**

| PART No. | Nominal Hose I.D. |
|----------|-------------------|
| SR4S-4   | 1/4               |
| SR4S-6   | 3/8               |
| SR4S-8   | 1/2               |
| SR4S-10  | 5/8               |
| SR4S-12  | 3/4               |
| SR4S-16  | 1                 |



**Female Swivel  
45° S.A.E.  
Flare**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR428-44   | 1/4               | 1/4  |
| SR428-55   | 5/16              | 5/16 |
| SR428-66   | 3/8               | 3/8  |
| SR428-88   | 1/2               | 1/2  |
| SR428-1010 | 5/8               | 5/8  |
| SR428-1212 | 3/4               | 3/4  |



**Straight Tube**

Used in conjunction with an 1161 nut & 1160 sleeve.

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR462-1010 | 5/8               | 5/8  |
| SR462-1212 | 3/4               | 3/4  |



**D.O.T.  
Air Brake  
Compression**

| PART No.   | Nominal Hose I.D. | Tube |
|------------|-------------------|------|
| SR468-1010 | 5/8               | 5/8  |



**D.O.T.  
Air Brake  
Sleeve**

| PART No. | Tube |
|----------|------|
| 1160-10  | 5/8  |
| 1160-12  | 3/4  |

For use with metal "Straight Tube".

**STAINLESS STEEL AVAILABLE  
UPON REQUEST (SSR4 Series •)**



**90° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No. | Nominal Hose I.D. | Tube |
|----------|-------------------|------|
| SR439-44 | 1/4               | 1/4  |
| SR439-66 | 3/8               | 3/8  |
| SR439-88 | 1/2               | 1/2  |

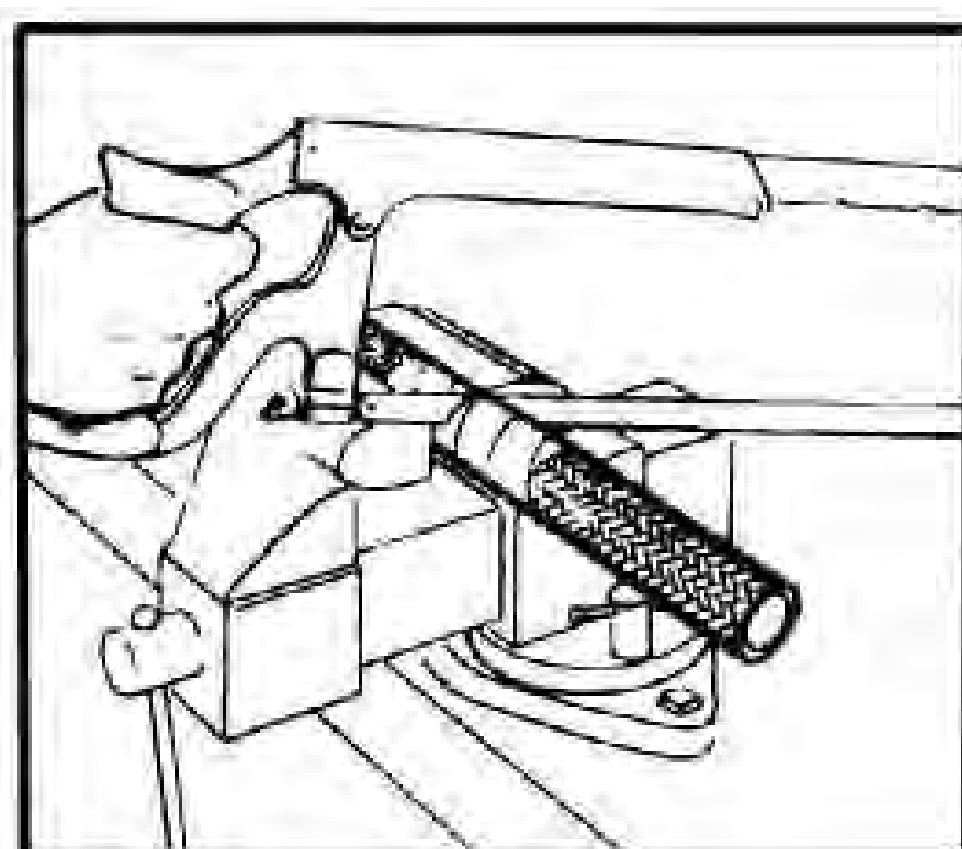


**D.O.T.  
Air Brake  
Nut**

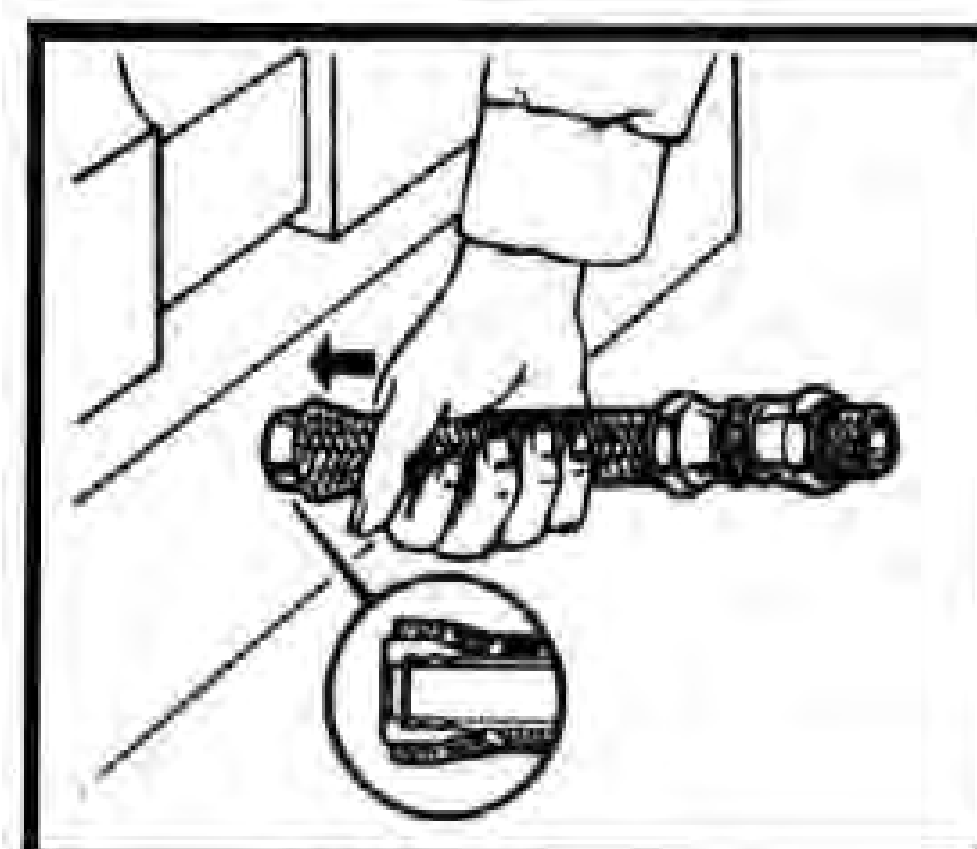
| PART No. | Tube |
|----------|------|
| 1161-10  | 5/8  |
| 1161-12  | 3/4  |

For use with metal "Straight Tube".

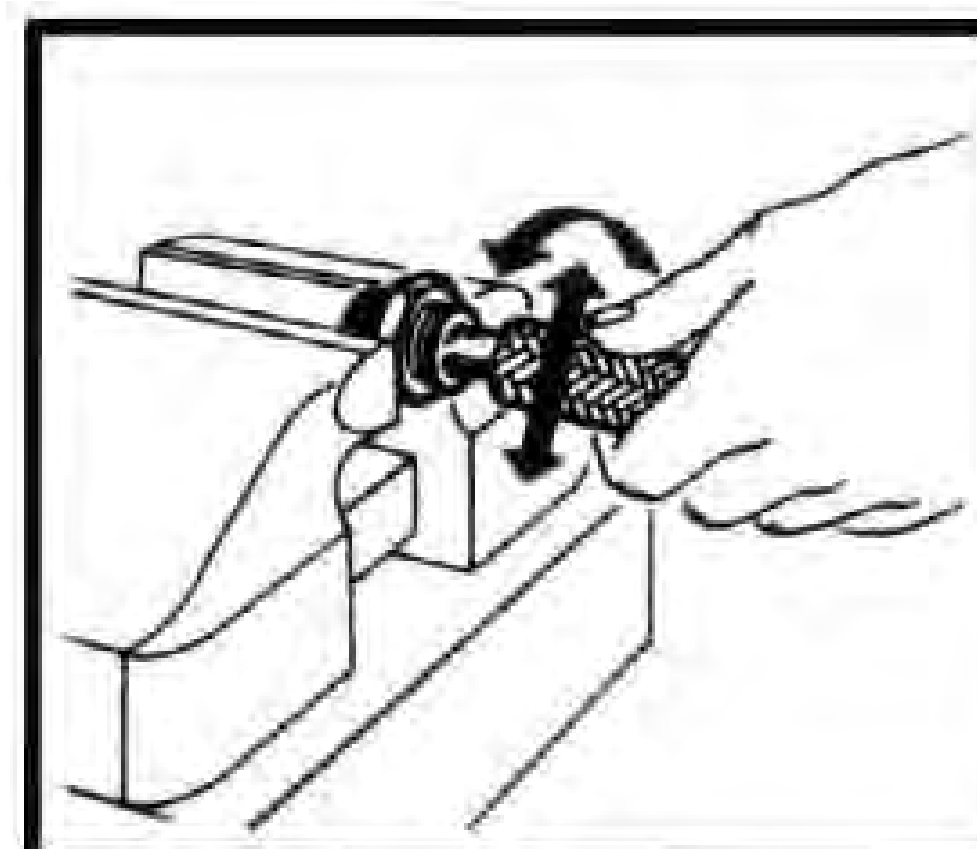
## PTFE REUSABLE FITTINGS ASSEMBLY INSTRUCTIONS



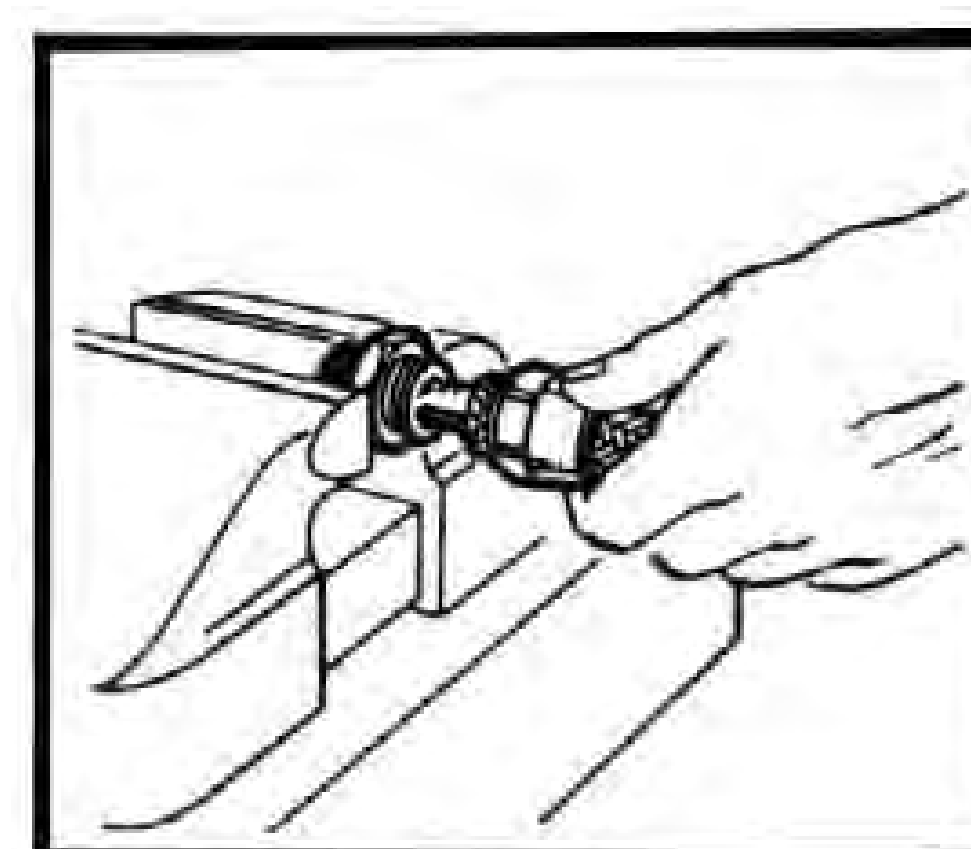
**Step 1**  
Wrap masking tape around hose at desired length and cut square with fine-tooth hack saw. Trim any loose wires and slip two shells on back to back, placing them about 3" from each end of hose.



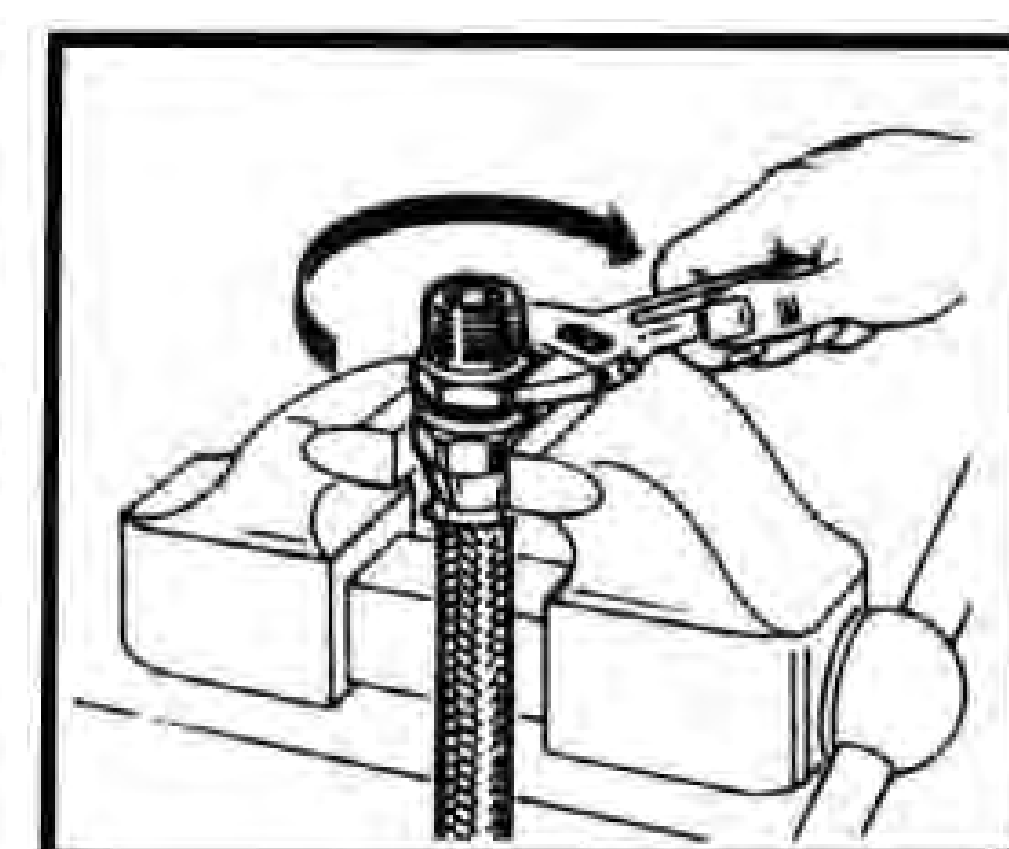
**Step 2**  
Use a flat surface to push the sleeve over the tube underneath the wire until the tube stock butts against the inside shoulder of the sleeve.



**Step 3**  
Mount stem hex in vise. Work the hose bore over the stem to size tube.



**Step 4**  
Lubricate stem and shell threads. Push hose onto stem with twisting motion until hose seats against stem chamfer. Push shell forward and hand start threading.





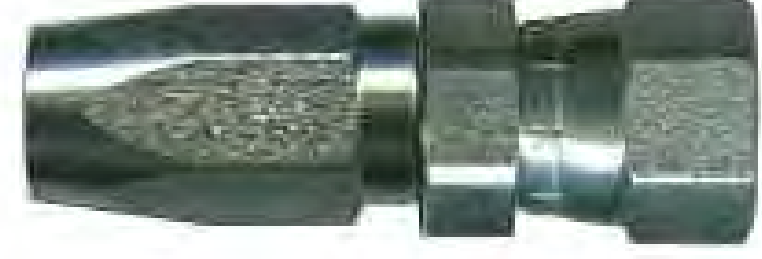


**Step 5**  
Wrench tighten stem until clearance with shell is 1/32" or less. Clean, inspect and test.

B



## LUBE HOSE ENDS FOR USE WITH S.A.E. 100R7 HOSE (Page 118 - 121)

B

| Male Pipe                                                                         |                  |             | S.A.E. Female Flare (Swivel)                                                       |                  |             | STEEL REUSABLE HOSE ENDS                                                            |                  |             |
|-----------------------------------------------------------------------------------|------------------|-------------|------------------------------------------------------------------------------------|------------------|-------------|-------------------------------------------------------------------------------------|------------------|-------------|
|  |                  |             |  |                  |             |  |                  |             |
| <b>PART No.</b>                                                                   | <b>Hose I.D.</b> | <b>Pipe</b> | <b>PART No.</b>                                                                    | <b>Hose I.D.</b> | <b>Tube</b> | <b>PART No.</b>                                                                     | <b>Hose I.D.</b> | <b>Tube</b> |
| SC725-2A                                                                          | 1/8              | 1/8         | SC738-24                                                                           | 1/8              | 1/4         | SR738-24                                                                            | 1/8              | 1/4         |
| SC725-3A                                                                          | 3/16             | 1/8         | SC738-34                                                                           | 3/16             | 1/4         |                                                                                     |                  |             |
| SC725-4B                                                                          | 1/4              | 1/4         | SC738-44                                                                           | 1/4              | 1/4         |                                                                                     |                  |             |
|                                                                                   |                  |             | SC738-46                                                                           | 1/4              | 3/8         |                                                                                     |                  |             |
| <hr/>                                                                             |                  |             |                                                                                    |                  |             | <hr/>                                                                               |                  |             |
|  |                  |             |                                                                                    |                  |             |  |                  |             |
| <b>PART No.</b>                                                                   | <b>Hose I.D.</b> | <b>Pipe</b> |                                                                                    |                  |             | <b>PART No.</b>                                                                     | <b>Hose I.D.</b> | <b>Pipe</b> |
| SC725SW-2A                                                                        | 1/8              | 1/8         |                                                                                    |                  |             | SR725SW-2A                                                                          | 1/8              | 1/8         |



## CRIMP SPECIFICATIONS FOR PERMANENTLY ATTACHED HOSE ENDS

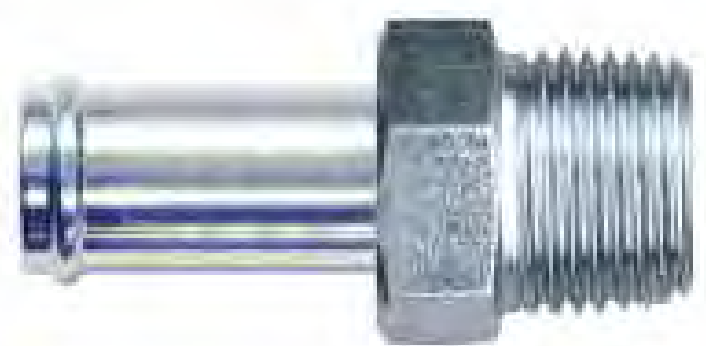


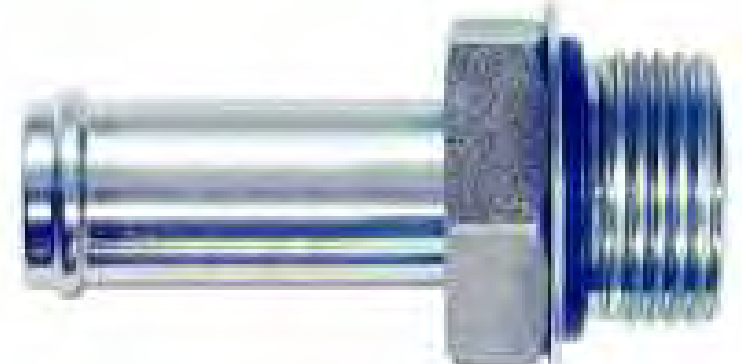


*All hydraulic assemblies should be pressure tested prior to use.*

*NOTE: Fairview's Accutek® 100R7 hose ends are not to be swaged.*

| HOSE | DESCRIPTION  | DASH SIZE | HOSE I.D. | Crimp DIA. SC700 Series |
|------|--------------|-----------|-----------|-------------------------|
| HR7  | S.A.E. 100R7 | -2        | 1/8       | 0.3650                  |
|      |              | -3        | 3/16      | 0.5100                  |
|      |              | -4        | 1/4       | 0.5550                  |

**IMPORTANT:** This reference chart is provided by Fairview Ltd. for convenience only. The information contained herein cannot be guaranteed because conditions of use are beyond our control, such as variances in hose outside diameters. This document should not be substituted for the judgement of a qualified professional. Assemblies should be tested prior to installation. The user of this information assumes all risk associated with its use.

## STEEL HOSE INSERTS FOR USE WITH 100R4 HOSE (Page 117)

| CONNECTOR<br>Hose Insert To<br>Male Pipe                                            |                  |               | 90° ELBOW<br>Hose Insert To<br>Male Pipe                                             |                  |               | 45° ELBOW<br>Hose Insert To<br>Male Pipe                                              |                  |               |
|-------------------------------------------------------------------------------------|------------------|---------------|--------------------------------------------------------------------------------------|------------------|---------------|---------------------------------------------------------------------------------------|------------------|---------------|
|  |                  |               |  |                  |               |  |                  |               |
| <b>PART No.</b>                                                                     | <b>Hose I.D.</b> | <b>Pipe</b>   | <b>PART No.</b>                                                                      | <b>Hose I.D.</b> | <b>Pipe</b>   | <b>PART No.</b>                                                                       | <b>Hose I.D.</b> | <b>Pipe</b>   |
| S1125-10C                                                                           | 5/8              | 3/8           | S1139-10D                                                                            | 5/8              | 1/2           | S1140-10D                                                                             | 5/8              | 1/2           |
| S1125-10D                                                                           | 5/8              | 1/2           | S1139-12E                                                                            | 3/4              | 3/4           | S1140-12E                                                                             | 3/4              | 3/4           |
| S1125-12E                                                                           | 3/4              | 3/4           | S1139-16H                                                                            | 1                | 1             |                                                                                       |                  |               |
| S1125-16E                                                                           | 1                | 3/4           |                                                                                      |                  |               |                                                                                       |                  |               |
| <hr/>                                                                               |                  |               | <hr/>                                                                                |                  |               | <hr/>                                                                                 |                  |               |
|  |                  |               |  |                  |               |  |                  |               |
| <b>PART No.</b>                                                                     | <b>Hose I.D.</b> | <b>O-Ring</b> | <b>PART No.</b>                                                                      | <b>Hose I.D.</b> | <b>O-Ring</b> | <b>PART No.</b>                                                                       | <b>Hose I.D.</b> | <b>O-Ring</b> |
| SO1125-6                                                                            | 3/8              | 9/16 - 18     | SO1140-16                                                                            | 1                | 1-5/16 - 12   | SO1139-4                                                                              | 1/4              | 7/16 - 20     |
| SO1125-16                                                                           | 1                | 1-5/16 - 12   |                                                                                      |                  |               | SO1139-6                                                                              | 3/8              | 9/16 - 18     |
| SO1125-1612                                                                         | 1                | 1-1/16 - 12   |                                                                                      |                  |               | SO1139-8                                                                              | 1/2              | 3/4 - 16      |
| SO1125-20                                                                           | 1-1/4            | 1-5/8 - 12    |                                                                                      |                  |               | SO1139-16                                                                             | 1                | 1-5/16 - 12   |
|                                                                                     |                  |               |                                                                                      |                  |               | SO1139-1612                                                                           | 1                | 1-1/16 - 12   |

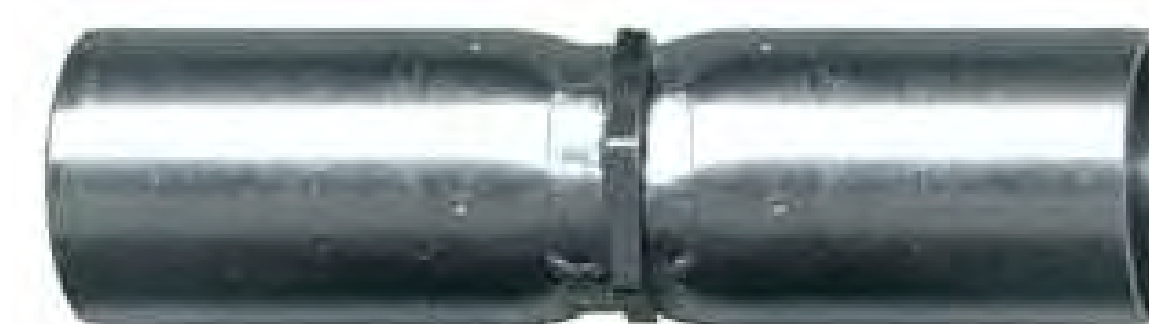


## FOR USE WITH SEWER CLEANING HOSE (Page 98)



Male Pipe

| PART No.  | Hose I.D. | Pipe |
|-----------|-----------|------|
| SCH25-8D  | 1/2       | 1/2  |
| SCH25-12E | 3/4       | 3/4  |
| SCH25-16H | 1         | 1    |



Splicer

| PART No.   | Hose I.D. |
|------------|-----------|
| SCH29-88   | 1/2       |
| SCH29-1212 | 3/4       |
| SCH29-1616 | 1         |

B

## HYDRAULIC CRIMP INSTRUCTIONS

1.



### 1. Cut hose to length.

Using a cut-off saw or cut-off wheel, cut the hose square to the desired length.

Clean hose with air pressure to remove dust particles.

2.



### 2. Mark insertion Depth.

Find the insertion depth by measuring the distance from the end of the ferrule to the shoulder of the ferrule.

Using a ruler or by holding the hose next to the ferrule, mark a line on the hose indicating the insertion depth.

3.



### 3. Lubricate hose with hose assembly lubricant.

Place a small amount of lubricant on the outer and inner tube portion of the hose. Only use approved hose assembly lubricant. Other non-approved lubricants or oil products may not be compatible with hose material.

4.



### 4. Insert fitting into hose.

Push the fitting into the hose until the insertion depth mark lines up with the end of the ferrule.

5.



figure 1

figure 2

### 5. Insert Hose into crimping machine.

When crimping Fairview's SC600 and SCK600 Series, align the dots on the ferrule with the top of the dies. (figure 1)

When crimping Fairview's SC500, SC900 and SCT900MS Series, align the top shoulder of the ferrule with the top of the dies and crimp the entire ferrule. (figure 2)

6.



### 6. Check Crimp Diameter.

After crimping verify crimp diameter is within specifications using calipers. Place caliper on the lower or smooth portion of the ferrule. Do not place calipers on any raised ridges on the ferrule. Measure the top, middle and bottom of the ferrule to ensure crimp diameter is correct and uniform.

**All Hydraulic Assemblies should be pressure tested prior to use.**



# PERMANENTLY ATTACHED HOSE ENDS

FOR SAE 100R7, 100R8 AND 100R18 THERMOPLASTIC HOSE (Pages 118 - 123)  
NOT FOR USE ON REDUCED OD S.A.E. 100R7

B



**Male Pipe**

| PART No.   | Hose I.D. | Pipe |
|------------|-----------|------|
| SCTP25-2A  | 1/8       | 1/8  |
| SCTP25-3A  | 3/16      | 1/8  |
| SCTP25-3B  | 3/16      | 1/4  |
| SCTP25-4A  | 1/4       | 1/8  |
| SCTP25-4B  | 1/4       | 1/4  |
| SCTP25-4C  | 1/4       | 3/8  |
| SCTP25-5B  | 5/16      | 1/4  |
| SCTP25-6C  | 3/8       | 3/8  |
| SCTP25-8D  | 1/2       | 1/2  |
| SCTP25-12E | 3/4       | 3/4  |
| SCTP25-16H | 1         | 1    |



**Male Pipe  
(Working Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SCTP25SW-4B | 1/4       | 1/4  |
| SCTP25SW-6C | 3/8       | 3/8  |
| SCTP25SW-8D | 1/2       | 1/2  |

*All hydraulic assemblies should be pressure tested prior to use.*



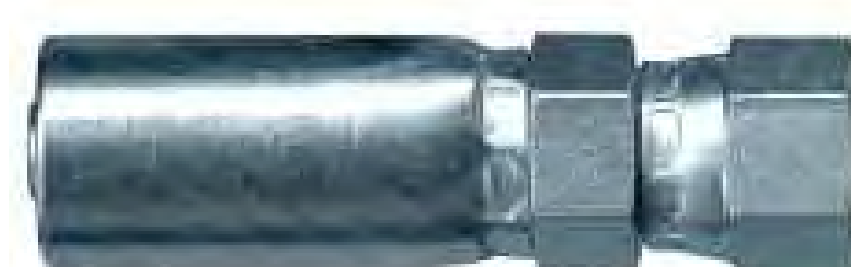
**Female  
NPSM Pipe  
(Swivel)**

| PART No.    | Hose I.D. | Pipe |
|-------------|-----------|------|
| SCTP26SW-3B | 3/16      | 1/4  |
| SCTP26SW-4B | 1/4       | 1/4  |
| SCTP26SW-6C | 3/8       | 3/8  |



**J.I.C. 37°  
Male Flare**

| PART No.  | Hose I.D. | Tube |
|-----------|-----------|------|
| SCTP37-66 | 3/8       | 3/8  |



**S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.    | Hose I.D. | Tube |
|-------------|-----------|------|
| SCTP38-24   | 1/8       | 1/4  |
| SCTP38-34   | 3/16      | 1/4  |
| SCTP38-44   | 1/4       | 1/4  |
| SCTP38-45   | 1/4       | 5/16 |
| SCTP38-46   | 1/4       | 3/8  |
| SCTP38-66   | 3/8       | 3/8  |
| SCTP38-68   | 3/8       | 1/2  |
| SCTP38-88   | 1/2       | 1/2  |
| SCTP38-1212 | 3/4       | 3/4  |



**90° ELBOW  
S.A.E. 37°  
Female Flare  
(Swivel)**

| PART No.  | Hose I.D. | Tube |
|-----------|-----------|------|
| SCTP39-34 | 3/16      | 1/4  |
| SCTP39-45 | 1/4       | 5/16 |
| SCTP39-66 | 3/8       | 3/8  |
| SCTP39-88 | 1/2       | 1/2  |



**45° ELBOW  
J.I.C. 37° Female  
Flare (Swivel)**

| PART No.  | Hose I.D. | Tube |
|-----------|-----------|------|
| SCTP40-66 | 3/8       | 3/8  |



**Female O-Ring  
Face Seal  
(Swivel)**

| PART No.  | Hose I.D. | ORFS       |
|-----------|-----------|------------|
| SCTP58-66 | 3/8       | 11/16 - 16 |

## CRIMP SPECIFICATIONS FOR PERMANENTLY ATTACHED HOSE ENDS (FOR USE WITH ALL HR7, HR8 & HR18 HOSE TYPES)

| Dash Size | Inside Diameter (IN.) | Crimp Outside Diameter (IN.) |
|-----------|-----------------------|------------------------------|
| -2        | 1/8                   | 0.365                        |
| -3        | 3/16                  | 0.500                        |
| -4        | 1/4                   | 0.555                        |
| -5        | 5/16                  | 0.630                        |
| -6        | 3/8                   | 0.675                        |
| -8        | 1/2                   | 0.830                        |
| -12       | 3/4                   | 1.080                        |
| -16       | 1                     | 1.340                        |

*All hydraulic assemblies should be pressure tested prior to use.*

**NOTE: Also see Fairview's Accutec® 100R7 lube hose ends SC700 & SR700 series.**

**IMPORTANT:** This reference chart is provided by Fairview Ltd. for convenience only. The information contained herein cannot be guaranteed because conditions of use are beyond our control, such as variances in hose outside diameters. This document should not be substituted for the judgement of a qualified professional. Assemblies should be tested prior to installation. The user of this information assumes all risk associated with its use.





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### CAUTION:

Some agents used in the curing of rubber hose may leach out over time. Trace amounts may be enough to cause problems for sensitive hands. Gloves should be worn and care taken in handling of rubber hose products.

### ATTENTION:

Certains agents chimiques utilisés dans la vulcanisation des boyaux en caoutchouc peuvent filtrer avec le temps. De simples traces de ces agents peuvent affecter les peaux sensibles. Il est recommandé de porter des gants et de manipuler les boyaux avec prudence.

### ADVERTENCIA:

Algunos agentes utilizados en la cura de la manguera de caucho pueden filtrarse con el tiempo. Trazas pueden ser suficiente para causar problemas para manos sensibles. Los guantes deben usarse y cuidado tomados en el manejo de los productos de la manguera de caucho.

## HOSE & ASSEMBLIES

C.S.A. - D.O.T. - FDA - N.S.F. - RoHS - U.L. - USDA

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This high quality rubber hose provides maximum oil resistance and great cold weather flexibility. It is found in demanding applications in factories, construction, agriculture, quarries, mines, railroads, the oil and gas industry and ship building. Non-conductive; minimum electrical resistance greater than one (1) megohm per inch of hose length at 1000 Volts DC.

- **CONSTRUCTION:**
- **TUBE:** Nitrile (RMA CLASS A)
- **COVER:** Nitrile (RMA CLASS A)
- **REINFORCEMENT:** Spiral synthetic yarn
- **COLOR:** RED
- **TEMPERATURE:** -20°F to +190°F, -29°C to +88°C
- **PACKAGING:** Reels
- **FITTINGS:** Page 68 - 70
- **BEND PROTECTORS:** Page 262

| PART No.    | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|-------------|-------------------|-----------------|---------------------------|-------------------|
| RPH-4-REEL  | 1/4               | .531            | 250                       | 500               |
| RPH-6-REEL  | 3/8               | .688            | 250                       | 500               |
| RPH-8-REEL  | 1/2               | .844            | 250                       | 500               |
| RPH-10-REEL | 5/8               | 1.012           | 300                       | 500               |
| RPH-12-REEL | 3/4               | 1.140           | 250                       | 500               |
| RPH-16-REEL | 1                 | 1.500           | 300                       | 450               |

**NOTE**  
WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## PREMIER RUBBER HOSE ASSEMBLIES

The **RP** Series of assemblies is constructed with **RPH** hose. All assemblies have factory crimped ends with either B - 1/4", C - 3/8" or D - 1/2" brass male pipe ends. Standard lengths are -25, 50, 75 or 100ft. Suitable for a multitude of applications.

- **COLOR:** Red
- **TEMPERATURE:** -20°F to +190°F, -29°C to +88°C
- **PACKAGING:** Individually shrink wrapped with bar coded label.
- **FITTINGS:** Machined Brass
- Custom lengths available upon request.

**NOTE**  
WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.



| 1/4 I.D. HOSE 1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE 1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE 3/8 NPT ENDS |              |                           | 1/2 I.D. HOSE 1/2 NPT ENDS |              |                           |
|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|
| PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) |
| RP4RED-25B                 | 25           | 250                       | RP6RED-25B                 | 25           | 250                       | RP6RED-25C                 | 25           | 250                       | RP8RED-25D                 | 25           | 250                       |
| RP4RED-50B                 | 50           | 250                       | RP6RED-50B                 | 50           | 250                       | RP6RED-50C                 | 50           | 250                       | RP8RED-50D                 | 50           | 250                       |



# MULTI-PURPOSE RUBBER HOSE



A good quality, economical, general purpose hose ideal for air service, compressor lines, pneumatic tools, low pressure spray and many other applications. Wing Foot multi-purpose hose is specially designed to offer superior oil resistance in the most demanding environments.

- **CONSTRUCTION:**
- **TUBE:** Nitrile (RMA CLASS A)
- **COVER:** Buna-N-Vinyl (RMA CLASS B)
- **REINFORCEMENT:** Spiral synthetic yarn
- **COLOR:** Red
- **TEMPERATURE:** -20°F to +190°F, -29°C to +88°C
- **PACKAGING:** Reels
- **FITTINGS:** Page 68 - 70
- **BEND PROTECTORS:** Page 262

| PART No.     | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|--------------|-------------------|-----------------|---------------------------|-------------------|
| RWH-4-REEL   | 1/4               | 0.531           | 250                       | 500               |
| RWH-4/2-REEL | 1/4               | 0.543           | 300                       | 500               |
| RWH-6-REEL   | 3/8               | 0.688           | 250                       | 500               |
| RWH-6/2-REEL | 3/8               | 0.688           | 300                       | 500               |
| RWH-8/2-REEL | 1/2               | 0.858           | 300                       | 500               |

**NOTE**  
WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## MULTI-PURPOSE RUBBER HOSE ASSEMBLIES

The **RW** Series of assemblies is constructed with **RWH** hose. All assemblies have factory crimped ends with either B - 1/4", C - 3/8" or D - 1/2" brass male pipe ends. Standard lengths are -25, 50, 75 or 100ft.

- **COLOR:** RED
- **TEMPERATURE:** -20°F to +190°F, -29°C to +88°C
- **PACKAGING:** Individually shrink wrapped with bar coded label.
- **FITTINGS:** Machined Brass
- Custom lengths available upon request.

**NOTE**  
WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.



| 1/4 I.D. HOSE 1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE 1/4 NPT ENDS |              |                           | 1/2 I.D. HOSE 1/2 NPT ENDS |              |                           |
|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|
| PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) |
| RW4RED-25B                 | 25           | 250                       | RW6RED-25B                 | 25           | 250                       | RW8/2RED-25D               | 25           | 300                       |
| RW4RED-50B                 | 50           | 250                       | RW6RED-50B                 | 50           | 250                       | RW8/2RED-50D               | 50           | 300                       |
|                            |              |                           | RW6RED-100B                | 100          | 250                       | RW8/2RED-100D              | 100          | 300                       |
| RW4/2RED-25B               | 25           | 300                       | RW6/2RED-25B               | 25           | 300                       |                            |              |                           |
| RW4/2RED-50B               | 50           | 300                       | RW6/2RED-50B               | 50           | 300                       |                            |              |                           |
|                            |              |                           | RW6/2RED-100B              | 100          | 300                       |                            |              |                           |





This quality rubber hose features EPDM cover and tube with high tensile spiral synthetic yarn reinforcement. It is best suited for applications requiring maximum flexibility or a lighter weight rubber hose.

- **CONSTRUCTION:**
- **TUBE:** EPDM (RMA CLASS C).
- **COVER:** EPDM (RMA CLASS C).
- **REINFORCEMENT:** Spiral synthetic yarn
- **COLORS:** Black, Green, Red, Yellow
- **TEMPERATURE:** -22°F to +167°F, -30°C to +75°C
- **PACKAGING:** Reels
- **FITTINGS:** Page 68 - 70
- **BEND PROTECTORS:** Page 262

| PART No.        | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|-----------------|-------------------|-----------------|---------------------------|-------------------|
| RGP-4BLK-REEL   | 1/4               | .500            | 200                       | 300               |
| RGP-4RED-REEL   | 1/4               | .500            | 200                       | 300               |
| RGP-4/2RED-REEL | 1/4               | .527            | 250                       | 300               |
| RGP-6RED-REEL   | 3/8               | .669            | 200                       | 300               |
| RGP-6/2RED-REEL | 3/8               | .700            | 250                       | 300               |
| RGP-8BLK-REEL   | 1/2               | .810            | 200                       | 300               |
| RGP-8RED-REEL   | 1/2               | .810            | 200                       | 300               |
| RGP-8/2RED-REEL | 1/2               | .838            | 250                       | 300               |

| PART No.         | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|------------------|-------------------|-----------------|---------------------------|-------------------|
| RGP-10BLK-REEL   | 5/8               | .930            | 200                       | 500-700           |
| RGP-10RED-REEL   | 5/8               | .968            | 200                       | 500-700           |
| RGP-10/2RED-REEL | 5/8               | .976            | 250                       | 500-700           |
| RGP-12BLK-REEL   | 3/4               | 1.080           | 200                       | 200               |
| RGP-12RED-REEL   | 3/4               | 1.118           | 200                       | 200               |
| RGP-12/2RED-REEL | 3/4               | 1.141           | 250                       | 500-700           |
| RGP-16RED-REEL   | 1                 | 1.440           | 200                       | 200               |
| RGP-20RED-REEL   | 1-1/4             | 1.750           | 200                       | 300               |
| RGP-24RED-REEL   | 1-1/2             | 2.000           | 200                       | 300               |

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## QUALITY RUBBER HOSE ASSEMBLIES

The **RG** Series of assemblies is constructed with **RGP** hose. All assemblies have factory crimped ends with either B - 1/4", C - 3/8" or D - 1/2" brass male pipe ends. Standard lengths are -25, 50, 75 or 100ft.

- **COLORS:** Black, Red, Yellow
- **TEMPERATURE:** -22°F to +167°F, -30°C to +75°C
- **PACKAGING:** Individually shrink wrapped with bar coded label.
- **FITTINGS:** Machined Brass
- Custom lengths available upon request.



**NOTE**  
WORKING PRESSURE RATED AT +70°F  
+21°C. ANY AMBIENT OR INTERNAL  
INCREASE IN TEMPERATURE WILL  
LOWER THE WORKING PRESSURE.

| 1/4 I.D. 1/4 NPT ENDS |              |                           | 3/8 I.D. 1/4 NPT ENDS |              |                           | 3/8 I.D. 3/8 NPT ENDS |              |                           | 1/2 I.D. 3/8 NPT ENDS |              |                           | 1/2 I.D. 1/2 NPT ENDS |              |                           |
|-----------------------|--------------|---------------------------|-----------------------|--------------|---------------------------|-----------------------|--------------|---------------------------|-----------------------|--------------|---------------------------|-----------------------|--------------|---------------------------|
| PART No.              | Length (FT.) | Working Pressure (P.S.I.) | PART No.              | Length (FT.) | Working Pressure (P.S.I.) | PART No.              | Length (FT.) | Working Pressure (P.S.I.) | PART No.              | Length (FT.) | Working Pressure (P.S.I.) | PART No.              | Length (FT.) | Working Pressure (P.S.I.) |
| RG4RED-25B            | 25           | 200                       | RG6RED-25B            | 25           | 200                       | RG6RED-25C            | 25           | 200                       | RG8RED-25C            | 25           | 200                       | RG8BLK-25D            | 25           | 200                       |
| RG4RED-50B            | 50           | 200                       | RG6RED-30B            | 30           | 200                       | RG6RED-50C            | 50           | 200                       | RG8RED-50C            | 50           | 200                       | RG8BLK-50D            | 50           | 200                       |
| RG4RED-100B           | 100          | 200                       | RG6RED-35B            | 35           | 200                       | RG6RED-100C           | 100          | 200                       | RG8RED-100C           | 100          | 200                       | RG8BLK-100D           | 100          | 200                       |
|                       |              |                           | RG6RED-50B            | 50           | 200                       |                       |              |                           |                       |              |                           | RG8RED-25D            | 25           | 200                       |
| RG4/2RED-25B          | 25           | 250                       | RG6RED-100B           | 100          | 200                       | RG6/2RED-25C          | 25           | 250                       | RG8/2RED-50C          | 50           | 200                       | RG8RED-50D            | 50           | 200                       |
| RG4/2RED-50B          | 50           | 250                       |                       |              |                           | RG6/2RED-50C          | 50           | 250                       |                       |              |                           | RG8RED-100D           | 100          | 200                       |
| RG4/2RED-100B         | 100          | 250                       | RG6/2RED-25B          | 25           | 250                       | RG6/2RED-100C         | 100          | 250                       |                       |              |                           | RG8/2RED-25D          | 25           | 250                       |
|                       |              |                           | RG6/2RED-50B          | 50           | 250                       |                       |              |                           |                       |              |                           | RG8/2RED-50D          | 50           | 250                       |
|                       |              |                           | RG6/2RED-100B         | 100          | 250                       |                       |              |                           |                       |              |                           | RG8/2RED-100D         | 100          | 250                       |



# SUPERFLEX HOSE



Fairview's Superflex multi-purpose hose is more flexible than most rubber hoses even at extremely low temperatures. Its' light weight and relatively high pressure rating make it ideal for pneumatic hand tool and shop air applications. RMA Class B oil resistance.

- **REINFORCEMENT:** Spiral high tensile yarn
- **COLORS:** Green, Red, Yellow
- **TEMPERATURE:** -65°F to +150°F, -54°C to +65°C
- **WORKING PRESSURE:** 300 P.S.I.
- **PACKAGING:** Loose coils or plastic core reels
- **FITTINGS:** Page 68 - 70
- **BEND PROTECTORS:** Page 262

| PART No.       | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel / Coil Length (FT.) |
|----------------|-------------------|-----------------|---------------------------|--------------------------|
| GLH-4RED-COIL  | 1/4               | .500            | 300                       | 500                      |
| GLH-4RED-REEL  | 1/4               | .500            | 300                       | 500                      |
| GLH-4YEL-COIL  | 1/4               | .500            | 300                       | 500                      |
| GLH-4YEL-REEL  | 1/4               | .500            | 300                       | 500                      |
| GLH-6RED-COIL  | 3/8               | .625            | 300                       | 500                      |
| GLH-6RED-REEL  | 3/8               | .625            | 300                       | 500                      |
| GLH-6YEL-COIL  | 3/8               | .625            | 300                       | 500                      |
| GLH-6YEL-REEL  | 3/8               | .625            | 300                       | 500                      |
| GLH-8GRN-COIL  | 1/2               | .781            | 300                       | 500                      |
| GLH-8RED-COIL  | 1/2               | .781            | 300                       | 500                      |
| GLH-10GRN-COIL | 5/8               | .906            | 250                       | 500                      |

**LOW TEMPERATURE RATED**

**-65°F**  
**(-54°C)**

**NOTE**

WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## SUPERFLEX AIR HOSE ASSEMBLIES

The **GL** Series of assemblies is constructed with GLH hose. All assemblies have factory crimped ends with either B - 1/4" or C - 3/8" brass male pipe ends. Bend protectors are standard on these assemblies.

- **COLORS:** Red, Yellow
- **TEMPERATURE:** -65°F to +150°F, -55°C to +65°C
- **WORKING PRESSURE:** 300 P.S.I.
- **PACKAGING:** Individually shrink wrapped with bar coded label.
- **FITTINGS:** Machined Brass
- Custom lengths available upon request.

**NOTE**

WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.



| 1/4 I.D. HOSE 1/4 NPT ENDS |              |                   |                           | 3/8 I.D. HOSE 1/4 NPT ENDS |              |                   |                           | 3/8 I.D. HOSE 3/8 NPT ENDS |              |                   |                           | 1/2 I.D. HOSE 3/8 NPT ENDS |              |                   |                           |
|----------------------------|--------------|-------------------|---------------------------|----------------------------|--------------|-------------------|---------------------------|----------------------------|--------------|-------------------|---------------------------|----------------------------|--------------|-------------------|---------------------------|
| PART No.                   | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
| GL4RED-25B                 | 25           | 1/4               | 300                       | GL6RED-25B                 | 25           | 3/8               | 300                       | GL6RED-25C                 | 25           | 3/8               | 300                       | GL8RED-25C                 | 25           | 3/8               | 300                       |
| GL4RED-50B                 | 50           | 1/4               | 300                       | GL6RED-50B                 | 50           | 3/8               | 300                       | GL6RED-50C                 | 50           | 3/8               | 300                       | GL8RED-50C                 | 50           | 3/8               | 300                       |
| GL4YEL-25B                 | 25           | 1/4               | 300                       | GL6RED-100B                | 100          | 3/8               | 300                       | GL6RED-100C                | 100          | 3/8               | 300                       |                            |              |                   |                           |
| GL4YEL-50B                 | 50           | 1/4               | 300                       | GL6YEL-25B                 | 25           | 3/8               | 300                       | GL6YEL-25C                 | 25           | 3/8               | 300                       |                            |              |                   |                           |
| GL4YEL-100B                | 100          | 1/4               | 300                       | GL6YEL-50B                 | 50           | 3/8               | 300                       | GL6YEL-50C                 | 50           | 3/8               | 300                       |                            |              |                   |                           |
|                            |              |                   |                           | GL6YEL-100B                | 100          | 3/8               | 300                       | GL6YEL-100C                | 100          | 3/8               | 300                       |                            |              |                   |                           |





Uniquely blended P.V.C. compounds enhance cold weather flexibility and give this hose the look and feel of a comparable rubber hose. It's non-marking ozone and atmosphere resistant cover and the light weight of this hose make it ideal for water hose and shop air tool applications.

- **REINFORCEMENT:** Spiral high tensile yarn
- **TUBE:** PVC compound (RMA CLASS B).
- **COLORS:** Blue, Grey, Red, Yellow
- **TEMPERATURE:** -15°F to +150°F, -26°C to +66°C
- **PACKAGING:** Reels
- **FITTINGS:** Page 68 - 70
- **BEND PROTECTORS:** Page 262

| PART No.      | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) | PART No.       | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|---------------|-------------------|-----------------|---------------------------|-------------------|----------------|-------------------|-----------------|---------------------------|-------------------|
| HPA-4BLU-REEL | 1/4               | .500            | 300                       | 500               | HPA-8BLU-REEL  | 1/2               | .813            | 300                       | 500               |
| HPA-4RED-REEL | 1/4               | .500            | 300                       | 500               | HPA-8RED-REEL  | 1/2               | .813            | 300                       | 500               |
| HPA-4YEL-REEL | 1/4               | .500            | 300                       | 500               | HPA-8YEL-REEL  | 1/2               | .813            | 300                       | 500               |
| HPA-6BLU-REEL | 3/8               | .625            | 300                       | 500               | HPA-10BLU-REEL | 5/8               | .906            | 250                       | 300               |
| HPA-6RED-REEL | 3/8               | .625            | 300                       | 500               | HPA-12BLU-REEL | 3/4               | 1.125           | 250                       | 300               |
| HPA-6YEL-REEL | 3/8               | .625            | 300                       | 500               | HPA-16RED-REEL | 1                 | 1.406           | 250                       | 300               |

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## HIGH QUALITY P.V.C. HOSE ASSEMBLIES

The **PA** Series of assemblies is constructed with **HPA** hose. All assemblies have factory crimped ends with either B - 1/4", C - 3/8" or D - 1/2" brass male pipe ends. Standard lengths are -25, 50, 75 or 100ft.

- **COLORS:** Blue, Red, Yellow
- **TEMPERATURE:** -15°F to +150°F, -26°C to +66°C
- **PACKAGING:** Individually shrink wrapped with bar coded label.
- **FITTINGS:** Machined Brass
- Custom lengths available upon request.

**NOTE**  
WORKING PRESSURE RATED AT +70°F  
+21°C. ANY AMBIENT OR INTERNAL  
INCREASE IN TEMPERATURE WILL  
LOWER THE WORKING PRESSURE.



| 1/4 I.D. HOSE<br>1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE<br>1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE<br>3/8 NPT ENDS |              |                           | 1/2 I.D. HOSE<br>3/8 NPT ENDS |              |                           | 1/2 I.D. HOSE<br>1/2 NPT ENDS |              |                           |  |
|-------------------------------|--------------|---------------------------|-------------------------------|--------------|---------------------------|-------------------------------|--------------|---------------------------|-------------------------------|--------------|---------------------------|-------------------------------|--------------|---------------------------|--|
| PART No.                      | Length (FT.) | Working Pressure (P.S.I.) | PART No.                      | Length (FT.) | Working Pressure (P.S.I.) | PART No.                      | Length (FT.) | Working Pressure (P.S.I.) | PART No.                      | Length (FT.) | Working Pressure (P.S.I.) | PART No.                      | Length (FT.) | Working Pressure (P.S.I.) |  |
| PA4RED-25B                    | 25           | 300                       | PA6BLU-25B                    | 25           | 300                       | PA6BLU-25C                    | 25           | 300                       | PA8RED-50C                    | 50           | 300                       | PA8BLU-50D                    | 50           | 300                       |  |
| PA4RED-50B                    | 50           | 300                       | PA6BLU-50B                    | 50           | 300                       | PA6BLU-50C                    | 50           | 300                       |                               |              |                           |                               |              |                           |  |
| PA4RED-100B                   | 100          | 300                       | PA6BLU-100B                   | 100          | 300                       | PA6RED-25C                    | 25           | 300                       | PA8RED-50D                    | 50           | 300                       |                               |              |                           |  |
|                               |              |                           | PA6RED-25B                    | 25           | 300                       | PA6RED-50C                    | 50           | 300                       |                               |              |                           |                               |              |                           |  |
|                               |              |                           | PA6RED-50B                    | 50           | 300                       |                               |              |                           |                               |              |                           |                               |              |                           |  |
|                               |              |                           | PA6RED-100B                   | 100          | 300                       |                               |              |                           |                               |              |                           |                               |              |                           |  |
|                               |              |                           | PA6YEL-25B                    | 25           | 300                       |                               |              |                           |                               |              |                           |                               |              |                           |  |
|                               |              |                           | PA6YEL-50B                    | 50           | 300                       |                               |              |                           |                               |              |                           |                               |              |                           |  |
|                               |              |                           | PA6YEL-100B                   | 100          | 300                       |                               |              |                           |                               |              |                           |                               |              |                           |  |



# QUALITY P.V.C. HOSE



This quality hose features the same uniquely blended P.V.C. compounds as our HPA air hose. Its' reduced wall thickness provides an economical alternative without sacrificing working pressure or temperature range.

- **REINFORCEMENT:** Spiral high tensile yarn
- **COLORS:** Blue, Red, Yellow
- **TEMPERATURE:** +25°F to +150°F, -4°C to +66°C
- **WORKING PRESSURE:** 1/4 AND 3/8 I.D. 300 P.S.I. 1/2 150 P.S.I.
- **PACKAGING:** Reels
- **FITTINGS:** Page 68 - 70
- **BEND PROTECTORS:** Page 262

| PART No.      | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure P.S.I. | Reel / Coil Length (FT.) |
|---------------|-------------------|-----------------|-------------------------|--------------------------|
| RVH-4RED-COIL | 1/4               | .438            | 300                     | 500                      |
| RVH-6BLU-COIL | 3/8               | .594            | 300                     | 500                      |
| RVH-6RED-COIL | 3/8               | .594            | 300                     | 500                      |

**NOTE**  
WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## QUALITY P.V.C. HOSE ASSEMBLIES

The **RV** Series of assemblies is constructed with **RVH** hose. All assemblies have factory crimped ends with either B - 1/4" or C - 3/8" brass male pipe ends. Standard lengths are -25, 50, 75 or 100ft.

- **COLORS:** Blue, Red, Yellow
- **TEMPERATURE:** +25°F to +150°F, -4°C to +66°C
- **PACKAGING:** Individually shrink wrapped with bar coded label.
- **FITTINGS:** Machined Brass
- Custom lengths available upon request.



**NOTE**  
WORKING PRESSURE RATED AT +70°F +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

| 1/4 I.D. HOSE 1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE 1/4 NPT ENDS |              |                           | 3/8 I.D. HOSE 3/8 NPT ENDS |              |                           |
|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|----------------------------|--------------|---------------------------|
| PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) | PART No.                   | Length (FT.) | Working Pressure (P.S.I.) |
| RV4RED-25B                 | 25           | 300                       | RV6BLU-25B                 | 25           | 300                       | RV6RED-25C                 | 25           | 300                       |
| RV4RED-50B                 | 50           | 300                       | RV6BLU-50B                 | 50           | 300                       | RV6RED-50C                 | 50           | 300                       |
| RV4RED-100B                | 100          | 300                       | RV6BLU-100B                | 100          | 300                       |                            |              |                           |
|                            |              |                           | RV6RED-25B                 | 25           | 300                       |                            |              |                           |
|                            |              |                           | RV6RED-50B                 | 50           | 300                       |                            |              |                           |
|                            |              |                           | RV6RED-100B                | 100          | 300                       |                            |              |                           |



## AIR ASSEMBLY WITH GLADHAND

Connects directly to the Gladhand port on a truck cab. This assembly is complete with air chuck end which allows for the easy filling of tires.

\* Other Lengths Available.

| PART No.        | Hose Type | Actual I.D. (IN.) | Length (FT.) | Working Pressure (P.S.I.) |
|-----------------|-----------|-------------------|--------------|---------------------------|
| GL6RED-50GHU-DF | Superflex | 3/8               | 50           | 300                       |
| GL6YEL-50GHU-DF | Superflex | 3/8               | 50           | 300                       |



**BC-B-DF**  
Dual Foot Chuck



**GHU**  
Universal Gladhand

## CONTRACTORS INDUSTRIAL P.V.C. AIR HOSE ASSEMBLIES

Heavy-duty brass reusable ends and spring guard bend protectors make these light weight uniquely blended P.V.C hose assemblies ideal for pneumatic nail guns and air powered industrial tools at the job site.

- **COLOR:** Red, Blue and Yellow
- **TEMPERATURE:** -15°F to +150°F, -26°C to +66°C
- **PACKAGING:** Individually shrink wrapped with bar coded Label.
- **QUICK DISCONNECT:** QD-TFM Series (Optional)
- Custom lengths available upon request.

**NOTE**

WORKING PRESSURE RATED AT +70°F  
+21°C. ANY AMBIENT OR INTERNAL  
INCREASE IN TEMPERATURE WILL  
LOWER THE WORKING PRESSURE.



### 3/8 I.D. HOSE 1/4 NPT ENDS

| PART No.        | Length (FT.) | Working Pressure (P.S.I.) |
|-----------------|--------------|---------------------------|
| PAR6RED-50B-SG  | 50           | 300                       |
| PAR6RED-100B-SG | 100          | 300                       |
| PAR6BLU-50B-SG  | 50           | 300                       |
| PAR6BLU-100B-SG | 100          | 300                       |
| PAR6YEL-100B-SG | 100          | 300                       |

### 3/8 I.D. HOSE 3/8 NPT ENDS

| PART No.        | Length (FT.) | Working Pressure (P.S.I.) |
|-----------------|--------------|---------------------------|
| PAR6RED-50C-SG  | 50           | 300                       |
| PAR6RED-100C-SG | 100          | 300                       |
| PAR6BLU-100C-SG | 100          | 300                       |

## POLYURETHANE SELF-STORING AIR HOSE ASSEMBLIES

| PART No.  | Actual I.D. (IN.) | Swivel Pipe | Length (FT.) | Working Pressure (P.S.I.) |
|-----------|-------------------|-------------|--------------|---------------------------|
| 1936-4-12 | 1/4               | 1/4         | 12           | 125                       |
| 1936-4-15 | 1/4               | 1/4         | 15           | 125                       |
| 1936-4-20 | 1/4               | 1/4         | 20           | 125                       |
| 1936-4-25 | 1/4               | 1/4         | 25           | 125                       |
| 1936-4-50 | 1/4               | 1/4         | 50           | 125                       |
| 1936-6-12 | 3/8               | 3/8         | 12           | 125                       |
| 1936-6-15 | 3/8               | 3/8         | 15           | 125                       |
| 1936-6-20 | 3/8               | 3/8         | 20           | 125                       |
| 1936-6-25 | 3/8               | 3/8         | 25           | 125                       |
| 1936-6-50 | 3/8               | 3/8         | 50           | 125                       |

**NOTE: 1936 SERIES SUPPLIED IN ASSEMBLIES ONLY.**

These polyurethane assemblies are produced using an ether based resin for better strength, flexibility and superior memory. This hose has excellent resistance to water, chemicals, oxidation, hydrolysis and ozone. It is kink resistant, light weight and mobile.

- **COLOR:** Blue
- **TEMPERATURE:** -40°F to +175°F, -40°C to +79°C
- **PACKAGING:** Individually Bagged With Header / Display Ready
- **FITTINGS:** 360° Working Male Pipe Swivels Each End.

**NOTE**

WORKING PRESSURE RATED AT +70°F  
+21°C. ANY AMBIENT OR INTERNAL  
INCREASE IN TEMPERATURE WILL  
LOWER THE WORKING PRESSURE.





## CO-POLYMER SELF-STORING AIR HOSE



A light weight co-polymer self-storing air-hose, **SUPERIOR to Nylon 11 and/or Nylon 12** in flexibility and retractability. Excellent resistance to abrasion, impact, flex fatigue, many industrial chemicals, oils and solvents. Contains ultra-violet stabilizers to ensure a long life.

- **COLOR:** Red
- **TEMPERATURE:** -40°F to +180°F,  
-40°C to +82°C
- **PACKAGING:** 100 FT. Lengths
- **FITTINGS:** 1978 Series see below.

| PART No.   | Actual I.D. (IN.) | Length (FT.) | Working Pressure (P.S.I.) |
|------------|-------------------|--------------|---------------------------|
| 1985-4-100 | 1/4               | 100          | 250                       |
| 1985-6-100 | 3/8               | 100          | 200                       |

### HOW TO MEASURE

1985-4 Each loop = approximately 10" (25 cm)  
1985-6 Each loop = approximately 15" (37.5 cm)

## CO-POLYMER SELF-STORING HOSE ASSEMBLIES



A light weight co-polymer self-storing air hose assembly, **SUPERIOR to Nylon 11 and/or Nylon 12** in flexibility and retractability. Excellent resistance to abrasion, impact, flex fatigue, many industrial chemicals, oils and solvents. Contains ultra-violet stabilizers to ensure a long life.

**NOTE: SUFFIX PART No. WITH "P" FOR PACKAGED ASSEMBLY**  
**EXAMPLE: 1935-6-12-1/2P**

| PART No.      | Actual I.D. (IN.) | Swivel Pipe | Length (FT.) | Working Pressure (P.S.I.) |
|---------------|-------------------|-------------|--------------|---------------------------|
| 1935-4-12-1/2 | 1/4               | 1/4         | 12.5         | 250                       |
| 1935-4-25     | 1/4               | 1/4         | 25           | 250                       |
| 1935-4-50     | 1/4               | 1/4         | 50           | 250                       |
| 1935-6-12-1/2 | 3/8               | 3/8         | 12.5         | 200                       |
| 1935-6-25     | 3/8               | 3/8         | 25           | 200                       |
| 1935-6-50     | 3/8               | 3/8         | 50           | 200                       |
| 1935-6-100    | 3/8               | 3/8         | 100          | 200                       |
| 1935-8-12-1/2 | 1/2               | 1/2         | 12.5         | 150                       |
| 1935-8-25     | 1/2               | 1/2         | 25           | 150                       |
| 1935-8-50     | 1/2               | 1/2         | 50           | 150                       |
| 1935-8-100    | 1/2               | 1/2         | 100          | 150                       |

- **COLOR:** Red
- **TEMPERATURE:** -40°F to +180°F,  
-40°C to +82°C
- **PACKAGING:** Bulk or Individually Bagged With Header / Display Ready.
- **FITTINGS:** 360° Brass Working Male Pipe Swivels Each End.  
1978 Series see below.

### NOTE

WORKING PRESSURE RATED AT +70°F  
+21°C. ANY AMBIENT OR INTERNAL  
INCREASE IN TEMPERATURE WILL  
LOWER THE WORKING PRESSURE.

## SELF-STORING AIR HOSE END FITTINGS



**WORKING SWIVEL CONNECTOR**  
Tube To Swivel Male Pipe

| PART No. | Hose I.D. | Pipe |
|----------|-----------|------|
| 1978-4B  | 1/4       | 1/4  |
| 1978-6C  | 3/8       | 3/8  |



**BRASS SLEEVE**

| PART No. | Hose I.D. |
|----------|-----------|
| 60-5     | 1/4       |
| 1960-6   | 3/8       |



**GENERAL USE P.V.C. BRAIDED HOSE**



CERTIFIED UNDER STANDARD 51 and 61

Polyvinyl-Chloride Braided Hose is manufactured from F.D.A. approved resins. It has an open mesh nylon braid to withstand higher pressures.

It is transparent (blockages can be easily detected), flexible, light, and non conductive.

It is suitable for use with air, mineral salts, plating solution, water, salt water, and hydrocarbons.

- **PACKAGING:** 100 FT COILS ALL SIZES  
500 FT REELS 1/8" TO 1/2" I.D.  
300 FT REELS 5/8" TO 1" I.D.

**NOTE:** TO ORDER REEL LENGTHS CHANGE  
-100 TO -REEL ON SIZES 1/8" TO 1" I.D.

- **TEMPERATURE:** -5°F TO +160°F, -21°C TO +71°C
- **FITTINGS:** Page 68 - 70

| PART No.     | Hose O.D. (IN.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|--------------|-----------------|-------------------|---------------------------|
| PVC-52-100   | .325            | 1/8               | 350                       |
| PVC-63-100   | .375            | 3/16              | 250                       |
| PVC-84-100   | .460            | 1/4               | 250                       |
| PVC-95-100   | .525            | 5/16              | 250                       |
| PVC-106-100  | .600            | 3/8               | 225                       |
| PVC-128-100  | .750            | 1/2               | 200                       |
| PVC-1410-100 | .875            | 5/8               | 200                       |
| PVC-1712-100 | 1.025           | 3/4               | 150                       |
| PVC-2116-100 | 1.312           | 1                 | 125                       |
| PVC-2820-100 | 1.620           | 1-1/4             | 100                       |
| PVC-3224-100 | 2.000           | 1-1/2             | 100                       |
| PVC-4032-100 | 2.500           | 2                 | 75                        |

**NOTE**  
THE WORKING PRESSURES LISTED FOR THE PVC TUBE IS RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES. THIS TUBE IS NOT RECOMMENDED FOR MILK CONTACT, ALCOHOL (LIQUOR) OR MEDICAL APPLICATIONS.

**AIR HOSE REPAIR KITS**

**Service Kit Selection: PART No. FKAR-2**

Designed for use in the field or shop, this kit includes a large selection of air hose fittings, clamps and Q.D's. **Single sided carry case, with handle**

**Overall:** Height 12 inches  
Width 14-1/2 inches  
Depth 4-3/4 inches



**Kit Contains**

| PART No.     | Qty. | Description                                 |
|--------------|------|---------------------------------------------|
| HC9-8        | 10   | .433 - .512(IN) 11.0 - 13.0(MM)             |
| HC9-9        | 10   | .512 - .591(IN) 13.0 - 15.0(MM)             |
| HC9-9-1/2    | 10   | .544 - .669(IN) 15.0 - 17.0(MM)             |
| HC9-10       | 10   | .591 - .708(IN) 15.0 - 18.0(MM)             |
| HC9-12       | 10   | .669 - .787(IN) 17.0 - 20.0(MM)             |
| 122-B        | 5    | 1/2 Hex Nipples                             |
| 125-4B       | 5    | 1/4 x 1/4 Hose Barbs                        |
| 125-6B       | 5    | 3/8 x 1/4 Hose Barbs                        |
| 129-4        | 5    | 1/4 Hose Splicers                           |
| 129-6        | 5    | 3/8 Hose Splicers                           |
| QD-ARON4-4F  | 5    | 1/4 x 1/4 FPT ARO Interchange Nipple        |
| QD-ARON4-4M  | 5    | 1/4 x 1/4 NPT ARO Interchange Nipple        |
| QD-INDN4-4F  | 5    | 1/4 x 1/4 FPT Industrial Interchange Nipple |
| QD-INDN4-4M  | 5    | 1/4 x 1/4 NPT Industrial Interchange Nipple |
| QD-UNIAC4-4F | 2    | 1/4 x 1/4 FPT Universal Interchange Coupler |

**Repair Kit Selection: PART No. FKAR-1**

Designed for use in the field or shop, this kit includes a good selection of items to complete many air hose repairs. **Flip-top carry case.**

**Overall:** Height 6-3/4 inches  
Width 10-3/4 inches  
Depth 1-3/4 inches



**Kit Contains**

| PART No.  | Qty. | Description                     |
|-----------|------|---------------------------------|
| HC9-8     | 10   | .433 - .512(IN) 11.0 - 13.0(MM) |
| HC9-9     | 10   | .512 - .591(IN) 13.0 - 15.0(MM) |
| HC9-9-1/2 | 10   | .544 - .669(IN) 15.0 - 17.0(MM) |
| HC9-10    | 10   | .591 - .708(IN) 15.0 - 18.0(MM) |
| HC9-12    | 10   | .669 - .787(IN) 17.0 - 20.0(MM) |
| HC9E-R    | 1    | Regular Pincers                 |
| 125-4B    | 5    | 1/4 x 1/4 Hose Barbs            |
| 125-6B    | 5    | 3/8 x 1/4 Hose Barbs            |
| 129-4     | 5    | 1/4 Hose Splicers               |
| 129-6     | 5    | 3/8 Hose Splicers               |
| 240-B     | 3    | 1/4 Drain Cocks                 |



- HEAVY BRASS MACHINED ENDS, FOR ALL ASSEMBLIES.
  - OTHER LENGTHS AND END COMBINATIONS AVAILABLE UPON REQUEST.
- NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.**

## Top-of-The-Line 'Blue Star' Brand

Heavy Hex Female End  
By Male Water Thread  
Working Pressures: 1/2" I.D. 300 P.S.I.,  
5/8" and 3/4" I.D. 250 P.S.I.  
Temp: -15°F to +150°F, -26°C to +66°C

| PART No.     | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|--------------|--------------|-------------------|---------------------------|
| WH8BLU-25H   | 25           | 1/2               | 300                       |
| WH8BLU-50H   | 50           | 1/2               | 300                       |
| WH8BLU-75H   | 75           | 1/2               | 300                       |
| WH8BLU-100H  | 100          | 1/2               | 300                       |
| WH10BLU-25H  | 25           | 5/8               | 250                       |
| WH10BLU-50H  | 50           | 5/8               | 250                       |
| WH10BLU-75H  | 75           | 5/8               | 250                       |
| WH10BLU-100H | 100          | 5/8               | 250                       |
| WH12BLU-25H  | 25           | 3/4               | 250                       |
| WH12BLU-50H  | 50           | 3/4               | 250                       |
| WH12BLU-75H  | 75           | 3/4               | 250                       |
| WH12BLU-100H | 100          | 3/4               | 250                       |



## Quality PVC Assemblies

Heavy Hex Female End  
By Male Water Thread  
Working Pressures: 150 P.S.I.,  
Temp: +25°F to +150°F, -4°C to +66°C

| PART No.      | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|---------------|--------------|-------------------|---------------------------|
| WHRV8BLU-25H  | 25           | 1/2               | 150                       |
| WHRV8BLU-50H  | 50           | 1/2               | 150                       |
| WHRV8BLU-100H | 100          | 1/2               | 150                       |



## High Quality 'Black Star' Rubber

Double or Heavy Hex Female End  
By Male Water Thread  
Working Pressure: 1/2", 5/8" 200 P.S.I.  
and 3/4" I.D. 150 P.S.I.  
Temp: -22°F to +167°F, -30°C to +75°C

| PART No.     | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|--------------|--------------|-------------------|---------------------------|
| WH8BLK-25H   | 25           | 1/2               | 200                       |
| WH8BLK-50H   | 50           | 1/2               | 200                       |
| WH8BLK-75H   | 75           | 1/2               | 200                       |
| WH8BLK-100H  | 100          | 1/2               | 200                       |
| WH10BLK-25H  | 25           | 5/8               | 200                       |
| WH10BLK-50H  | 50           | 5/8               | 200                       |
| WH10BLK-75H  | 75           | 5/8               | 200                       |
| WH10BLK-100H | 100          | 5/8               | 200                       |
| WH12BLK-25H  | 25           | 3/4               | 150                       |
| WH12BLK-50H  | 50           | 3/4               | 150                       |
| WH12BLK-75H  | 75           | 3/4               | 150                       |
| WH12BLK-100H | 100          | 3/4               | 150                       |



## High Quality 'Green Star' Rubber

Heavy Hex Female End  
By Male Water Thread  
Working Pressure: 1/2" I.D. 200 P.S.I.  
Temp: -22°F to +167°F, -30°C to +75°C

| PART No.    | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|-------------|--------------|-------------------|---------------------------|
| WH8GRN-25H  | 25           | 1/2               | 200                       |
| WH8GRN-50H  | 50           | 1/2               | 200                       |
| WH8GRN-100H | 100          | 1/2               | 200                       |



## Commercial 'Yellow Star' Brand

Heavy Hex Female End  
By Male Water Thread  
Working Pressure: 1/2" I.D. 125 P.S.I.  
Temp: +25°F to +150°F, -4°C to +65°C

| PART No.    | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|-------------|--------------|-------------------|---------------------------|
| WH8YEL-25H  | 25           | 1/2               | 125                       |
| WH8YEL-50H  | 50           | 1/2               | 125                       |
| WH8YEL-100H | 100          | 1/2               | 125                       |
| WH12YEL-50H | 50           | 3/4               | 125                       |



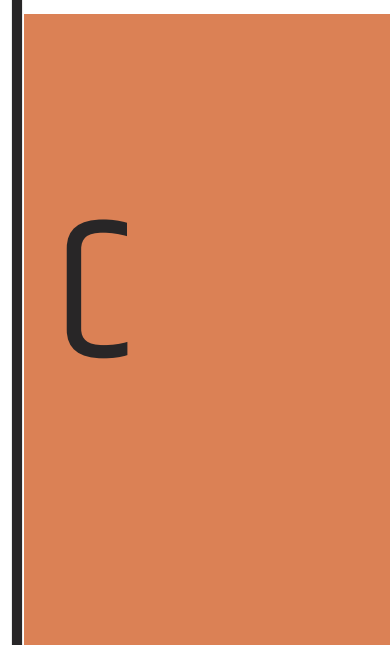
## Green Superflex - Low Temp

Heavy Hex Female End  
By Male Water Thread  
Working Pressure: 1/2" I.D. 300 P.S.I.  
Temp.: -65°F to +150°F, -54°C to +65°C

| PART No.       | Length (FT.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|----------------|--------------|-------------------|---------------------------|
| WHGL8GRN-25H   | 25           | 1/2               | 300                       |
| WHGL8GRN-50H   | 50           | 1/2               | 300                       |
| WHGL8GRN-75H   | 75           | 1/2               | 300                       |
| WHGL8GRN-100H  | 100          | 1/2               | 300                       |
| WHGL10GRN-25H  | 25           | 5/8               | 250                       |
| WHGL10GRN-50H  | 50           | 5/8               | 250                       |
| WHGL10GRN-75H  | 75           | 5/8               | 250                       |
| WHGL10GRN-100H | 100          | 5/8               | 250                       |



Industrial Water Hose Assembly Kits & Racks Can be Found on Page 278 - 279





## WATER SUPPLY LINE FLEXI-HOSE ASSEMBLIES



**PART No.**  
PSFC28C2818E  
**CTS/PEX Size**  
3/4 X 3/4  
(18 INCHES LONG)



**PART No.**  
PSFC20N3618E  
**CTS/PEX NPS Size**  
1/2 X 3/4  
(18 INCHES LONG)



**PART No.**  
PSFC28N3618E  
**CTS/PEX NPS Size**  
3/4 X 3/4  
(18 INCHES LONG)

## SEWER CLEANING JETTING / LATERAL LINE HOSE ASSEMBLIES



- OEM and Aftermarket high pressure sewer cleaning hose
- Abrasion, cut and water resistant • Superior kink resistance
- Low volumetric expansion
- Available in 1", 3/4" and 1/2" hose I.D. and 500', and 600' lengths

- **CONSTRUCTION:** Reinforcement - high tensile synthetic fiber
- **TUBE:** Polyolefin
- **COVER:** Polyurethane
- **COLOR:** Available in Orange, Blue, Green and Black
- **TEMPERATURE:** -40°F to 122°F (-40°C to 50°C)

| PART No.      | Color  | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Approx. Wgt./ Ft. (LBS.) | Permanent Coupling End | Assembly Length (FT.) |
|---------------|--------|-------------------|-----------------|---------------------------|--------------------------|------------------------|-----------------------|
| SCH-12BLU-600 | Blue   | 3/4               | 1.180           | 3,000                     | 0.29                     | 3/4 Male Pipe          | 600                   |
| SCH-12ORA-300 | Orange | 3/4               | 1.180           | 2,500                     | 0.28                     | 3/4 Male Pipe          | 300                   |
| SCH-16BLU-600 | Blue   | 1                 | 1.475           | 3,000                     | 0.41                     | 1 Male Pipe            | 600                   |
| SCH-16ORA-500 | Orange | 1                 | 1.460           | 2,500                     | 0.40                     | 1 Male Pipe            | 500                   |
| SCH-16ORA-600 | Orange | 1                 | 1.460           | 2,500                     | 0.40                     | 1 Male Pipe            | 600                   |



- Jetting/Lateral Line - Used for jetting equipment.
- High pressure sewer cleaning applications
- Tight pipe bends
- Slick, Slither cover affords an easier handling hose

- **TEMPERATURE:** -40F (-40C) to +160F (+71C)
- **MIN. BURST PRESSURE:** 10000 PSI
- **MIN. BEND RADIUS:** 2 1/2 in - 4 in
- **COVER MATERIAL:** Polyether-urethane
- **INNER TUBE MATERIAL:** Thermoplastic
- **REINFORCEMENT:** Double high tensile braid



| PART No.     | Color | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Approx. Wgt./ Ft. (LBS.) | Permanent Coupling End | Assembly Length (FT.) |
|--------------|-------|-------------------|-----------------|---------------------------|--------------------------|------------------------|-----------------------|
| SLJ-2GRN-100 | Green | 1/8               | 0.250           | 4000                      | 0.04                     | 1/8 Male Pipe          | 100                   |
| SLJ-2GRN-200 | Green | 1/8               | 0.250           | 4000                      | 0.04                     | 1/8 Male Pipe          | 200                   |
| SLJ-4GRN-100 | Green | 1/4               | 0.500           | 4000                      | 0.06                     | 1/4 Male Pipe          | 100                   |
| SLJ-4GRN-200 | Green | 1/4               | 0.500           | 4000                      | 0.06                     | 1/4 Male Pipe          | 200                   |
| SLJ-6GRN-100 | Green | 3/8               | 0.650           | 4000                      | 0.11                     | 3/8 Male Pipe          | 100                   |
| SLJ-6GRN-300 | Green | 3/8               | 0.650           | 4000                      | 0.11                     | 3/8 Male Pipe          | 300                   |
| SLJ-8GRN-100 | Green | 1/2               | 0.830           | 4000                      | 0.16                     | 1/2 Male Pipe          | 100                   |
| SLJ-8RED-300 | Red   | 1/2               | 0.830           | 4000                      | 0.16                     | 1/2 Male Pipe          | 300                   |



## RUBBER (EPDM) DISHWASHER HOSE



This flexible non-corrosive core, yarn reinforced black hose is designed for the discharge of water from automatic dishwashers, and other similar applications.

- **COLOR:** Black
- **TEMPERATURE:** -40°F to +190°F, -40°C to +88°C
- **CLAMPS:** HC5, HC6 Page 154

| PART No.    | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure P.S.I. | Packaging |
|-------------|-------------------|-----------------|-------------------------|-----------|
| DWH-10-50   | 5/8               | .910            | 100                     | Carton    |
| DWH-10-100  | 5/8               | .910            | 100                     | Coil      |
| DWH-10-REEL | 5/8               | .910            | 100                     | 500' Reel |



**NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.**

## BULK PRESSURE WASH HOSE



### BLACK COVER (4000 P.S.I.)

(PW2) is a one wire construction, wrapped black, smooth blue or wrapped grey covered hose. Its' tube is specially formulated to handle high pressure water. Suitable for pressures up to 4000 P.S.I., at +70°F,(+21°C), or temperatures up to +250°F,(+121°C) at lower pressures.

### BLUE NON-MARKING COVER

(PW3) is a one wire construction hose with a special Blue non-marking smooth cover. Suitable for pressures up to 4000 P.S.I., at +70°F,(+21°C), or temperatures up to +275°F,(+135°C)

**\* Any increase in temp. up to a maximum of 275°F will lower the working pressure considerably. For more than Intermittent applications in this environment (275°F Max) we recommend our PW5 High Temp Non Marking Hose.**



### GREY COVER (6000 P.S.I.)

(PW4) is a two wire construction, grey wrapped cover hose. Suitable for pressures up to 6000 P.S.I., at +70°F,(+21°C) or temperatures up to +250°F,(+121°C), at lower pressures.

### RED NON-MARKING HIGH-TEMP. (3000 P.S.I.)

Heat-Star-Combo (PW5) is a one wire construction, Red non-marking heat resistant smooth cover, dual purpose hose. This hose will handle steam up to +325°F,(+163°C) at 350 P.S.I. and hot water to +250°F,(+121°C) at 3000 P.S.I.

**NOTE: The outer cover of PW5 hose must be skived (removed) before attaching over the wire crimp ends.**

### PREVAILER™ YELLOW COVER (4000 P.S.I.)

(PW6) Yellow oil and fat resistant (RMA CLASS A) special synthetic rubber covered hose providing superior strength, flexibility, abrasion resistance and long service life. One high tensile steel wire braid. Suitable for pressures up to 4000 P.S.I., at +70°F, (+21°C), or temperatures up to +250°F,(+121°C) at lower pressures.

| PART No.      | Color  | Actual Inside Diameter (IN.) | Maximum Working Pressure (P.S.I.) | Approximate Weight Per Foot (LBS.) | Reel Length (FT.) |
|---------------|--------|------------------------------|-----------------------------------|------------------------------------|-------------------|
| PW2-6-REEL    | Black  | 3/8                          | 4000                              | .23                                | 300               |
| PW2-6BLU-REEL | Blue   | 3/8                          | 4000                              | .23                                | 300               |
| PW2-6GRY-REEL | Grey   | 3/8                          | 4000                              | .23                                | 300               |
| PW3-4-REEL    | Blue   | 1/4                          | 3000                              | .15                                | 300               |
| PW3-6-REEL    | Blue   | 3/8                          | 4000                              | .25                                | 300               |
| PW4-6-REEL    | Grey   | 3/8                          | 6000                              | .35                                | 300               |
| PW5-6-REEL    | Red    | 3/8                          | 3000                              | .21                                | 300               |
| PW6-6-REEL    | Yellow | 3/8                          | 4000                              | .22                                | 500               |

**NOTE: Any ambient or internal increase in temperature will lower the above listed working pressures.**



## PRESSURE WASH HOSE ASSEMBLIES

### BLACK COVER (4000 P.S.I.)

(PW2) is a one wire construction, black, blue or grey covered hose. Its' tube is specially formulated to handle high pressure water. Suitable for pressures up to 4000 P.S.I., at +70°F,(+21°C), or temperatures up to +250°F,(+121°C) at lower pressures.

GRY - Grey  
BLU - Blue

| PART No.      | Length (FT.) | Actual I.D (IN.) |
|---------------|--------------|------------------|
| PW2A-6-25     | 25           | 3/8              |
| PW2A-6-30     | 30           | 3/8              |
| PW2A-6-50     | 50           | 3/8              |
| PW2A-6-75     | 75           | 3/8              |
| PW2A-6-100    | 100          | 3/8              |
| PW2A-6BLU-25  | 25           | 3/8              |
| PW2A-6BLU-30  | 30           | 3/8              |
| PW2A-6BLU-50  | 50           | 3/8              |
| PW2A-6BLU-75  | 75           | 3/8              |
| PW2A-6BLU-100 | 100          | 3/8              |
| PW2A-6GRY-25  | 25           | 3/8              |
| PW2A-6GRY-30  | 30           | 3/8              |
| PW2A-6GRY-50  | 50           | 3/8              |
| PW2A-6GRY-75  | 75           | 3/8              |
| PW2A-6GRY-100 | 100          | 3/8              |



Style of bend protectors may vary with I.D.

### NON-MARKING COVER

(PW3) is a one wire construction hose with a special blue non-marking cover. Suitable for pressures up to 4000 P.S.I., at +70°F,(+21°C), or temperatures up to +275°F,(+135°C)

Swivels on both ends available upon request.  
Suffix PART No. with "SW" Example: PW3A-6-50SW

| PART No.    | Length (FT.) | Actual I.D (IN.) |
|-------------|--------------|------------------|
| PW3A-4-30   | 30           | 1/4              |
| PW3A-4-50   | 50           | 1/4              |
| PW3A-4-75   | 75           | 1/4              |
| PW3A-4-100  | 100          | 1/4              |
| PW3A-6-25   | 25           | 3/8              |
| PW3A-6-30   | 30           | 3/8              |
| PW3A-6-35   | 35           | 3/8              |
| PW3A-6-50   | 50           | 3/8              |
| PW3A-6-75   | 75           | 3/8              |
| PW3A-6-100  | 100          | 3/8              |
| PW3A-6-50SW | 50           | 3/8              |



### GREY COVER (6000 P.S.I.)

(PW4) is a two wire construction, grey covered hose. Suitable for pressures up to 6000 P.S.I., at +70°F,(+21°C) or temperatures up to +250°F,(+121°C), at lower pressures.

| PART No.   | Length (FT.) | Actual I.D (IN.) |
|------------|--------------|------------------|
| PW4A-6-30  | 30           | 3/8              |
| PW4A-6-50  | 50           | 3/8              |
| PW4A-6-75  | 75           | 3/8              |
| PW4A-6-100 | 100          | 3/8              |



### NON-MARKING COVER

**Heat-Combo (PW5)** is a one wire construction, red non-marking heat resistant covered, dual purpose hose. This hose will handle steam up to +325°F,(+163°C) at 350 P.S.I. and hot water to +250°F,(+121°C) at 3000 P.S.I.

| PART No.   | Length (FT.) | Actual I.D (IN.) |
|------------|--------------|------------------|
| PW5A-6-30  | 30           | 3/8              |
| PW5A-6-50  | 50           | 3/8              |
| PW5A-6-75  | 75           | 3/8              |
| PW5A-6-100 | 100          | 3/8              |



• CAN BE MADE TO ORDER • ALL ASSEMBLIES COME WITH THERMOPLASTIC BEND PROTECTORS • SYNTHETIC RUBBER BEND PROTECTORS ALSO AVAILABLE • STANDARD HOSE ASSEMBLIES CONSIST OF SWIVEL MALE PIPE X SOLID MALE PIPE ENDS

NOTE: Any ambient or internal increase in temperature will lower the above listed working pressures.



## PRESSURE WASH HOSE ASSEMBLIES

### OIL AND FAT RESISTANT COVER

**(PW6 PREVAILER™)** is a yellow cover, oil and fat resistant hose providing superior strength, flexibility, abrasion resistance and long service life. Excellent resistance to oils and animal fats. Suitable for pressures up to 4000 P.S.I., at +70°F, (+21°C), or temperatures up to +250°F, (+121°C) at lower pressures.

| PART No.   | Length (FT.) | Actual I.D (IN.) |
|------------|--------------|------------------|
| PW6A-6-30  | 30           | 3/8              |
| PW6A-6-50  | 50           | 3/8              |
| PW6A-6-100 | 100          | 3/8              |



- CAN BE MADE TO ORDER • ALL ASSEMBLIES COME WITH THERMOPLASTIC BEND PROTECTORS • SYNTHETIC RUBBER BEND PROTECTORS ALSO AVAILABLE • STANDARD HOSE ASSEMBLIES CONSIST OF SWIVEL MALE PIPE X SOLID MALE PIPE ENDS

NOTE: Any ambient or internal increase in temperature will lower the above listed working pressures.

## KARCHER STYLE PRESSURE WASH HOSE ASSEMBLIES

### (4000 P.S.I.)

**(PW2)** is a one wire construction, black cover hose. (also available in blue) Its' tube is specially formulated to handle high pressure water. Suitable for pressures up to 4000 P.S.I., at +70°F, (+21°C), or temperatures up to +250°F, (+121°C) at lower pressures.

| PART No.  | Length (FT.) | Actual I.D (IN.) |
|-----------|--------------|------------------|
| PW2K-6-20 | 20           | 3/8              |
| PW2K-6-30 | 30           | 3/8              |
| PW2K-6-50 | 50           | 3/8              |

Complete with KARCHER style M22 X 1.5 female swivel power washer machine attachments on both ends.



### NON-MARKING COVER (3000 P.S.I.)

**(PW3)** is a one wire construction hose with a special blue non-marking cover. Suitable for pressures up to 4000 P.S.I., at +70°F, (+21°C), or temperatures up to +275°F, (+135°C)

| PART No.  | Length (FT.) | Actual I.D (IN.) |
|-----------|--------------|------------------|
| PW3K-6-30 | 30           | 3/8              |
| PW3K-6-50 | 50           | 3/8              |

Complete with KARCHER style M22 X 1.5 female swivel power washer machine attachments on both ends.



## CAUTION

A pressure washer's powerful spray is hazardous when misdirected, strong enough to damage skin in an instant. With pressures up to 6000 psi they can cause serious injury. Appropriate protection should be worn during use.

- CAN BE MADE TO ORDER • ALL ASSEMBLIES COME WITH THERMOPLASTIC BEND PROTECTORS

NOTE: Any ambient or internal increase in temperature will lower the above listed working pressures.



**RUBBER AIR BRAKE HOSE**



50 Ft. Dispenser Carton



Rubber air brake hose is for use in truck and trailer air brake systems. It is certified to meet S.A.E. J1402 and D.O.T. F.M.V.S.S. 106 requirements. This air brake hose features a synthetic rubber oil-resistant tube and cover which is reinforced with synthetic cord for high performance strength.

**S.A.E. J1402**

**MEETS – D.O.T. F.M.V.S.S. 106**

| PART No.      | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Length (FT.) |
|---------------|-------------------|-----------------|---------------------------|--------------|
| HAB-6-REEL    | 3/8               | .750            | 225                       | 250          |
| HAB-6-50P     | 3/8               | .750            | 225                       | 50           |
| HAB-6RED-REEL | 3/8               | .750            | 225                       | 250          |
| HAB-6BLU-REEL | 3/8               | .750            | 225                       | 250          |
| HAB-8-REEL    | 1/2               | .875            | 225                       | 250          |
| HAB-8-50P     | 1/2               | .875            | 225                       | 50           |

**HAB-6: MEETS TABLE AI AND TABLE AII**

**HAB-8: MEETS TABLE A**

- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels, 50 Ft. Dispenser Carton (-50P)
- **COLOR:** Standard HAB color is Black, Red and Blue available  
**Note:** Red and Blue hose is only available in -6
- **FITTINGS:** 1490 Series Page 42
- **FACTORY ASSEMBLIES:** Page 103 - 107

**ARCTIC AIR BRAKE HOSE**



Rubber air brake hose is for use in truck and trailer air brake systems. It is certified to meet S.A.E. J1402 and D.O.T. F.M.V.S.S. 106 requirements. This air brake hose features a synthetic rubber tube and cover designed for low temperatures. It is oil-resistant and reinforced with spiral polyester cord for high performance strength.

**S.A.E. J1402**

**MEETS – D.O.T. F.M.V.S.S. 106**

| PART No.    | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|-------------|-------------------|-----------------|---------------------------|-------------------|
| HABA-6-REEL | 3/8               | .750            | 200                       | 250               |
| HABA-8-REEL | 1/2               | .875            | 200                       | 250               |

**HABA-6: MEETS TABLE AI AND TABLE AII**

**HABA-8: MEETS TABLE A**

- **TEMPERATURE:** -65°F to +200°F, -54°C to +93°C
- **PACKAGING:** Reels
- **FITTINGS:** 1490 Series Page 42
- **FACTORY ASSEMBLIES:** Page 103 - 107

**AIR BRAKE HOSE ASSEMBLY KITS**



Not exactly as shown.

Ideal for start-up, each Fairview air brake hose assembly kit contains three of each of our most popular assemblies (45 hoses total)



**HAR-15 (Rack Only)**

**PART No. HAB-6-KIT 3/8" I.D. Hose Assemblies**

3/8 Swivel X 3/8 Rigid Male Pipe (For Swivel b/e use suffix -SW)

| PART No.  | Length (IN.) | PART No.      | Length (IN.) |
|-----------|--------------|---------------|--------------|
| HAB-6-18C | 18           | HAB-6-36C-SW  | 36           |
| HAB-6-20C | 20           | HAB-6-40C     | 40           |
| HAB-6-24C | 24           | HAB-6-42C     | 42           |
| HAB-6-26C | 26           | HAB-6-48C     | 48           |
| HAB-6-28C | 28           | HAB-6-60C     | 60           |
| HAB-6-30C | 30           | HAB-6-72C     | 72           |
| HAB-6-32C | 32           | HAB-6-108C    | 108          |
| HAB-6-36C | 36           | HAR-15 (Rack) |              |

**PART No. HAB-8-KIT 1/2" I.D. Hose Assemblies**

3/8 Swivel X 3/8 Rigid Male Pipe (For Swivel b/e use suffix -SW)

| PART No.  | Length (IN.) | PART No.      | Length (IN.) |
|-----------|--------------|---------------|--------------|
| HAB-8-20C | 20           | HAB-8-36C-SW  | 36           |
| HAB-8-24C | 24           | HAB-8-42C     | 42           |
| HAB-8-26C | 26           | HAB-8-48C     | 48           |
| HAB-8-28C | 28           | HAB-8-54C     | 54           |
| HAB-8-30C | 30           | HAB-8-60C     | 60           |
| HAB-8-32C | 32           | HAB-8-72C     | 72           |
| HAB-8-34C | 32           | HAB-8-96C     | 96           |
| HAB-8-36C | 36           | HAR-15 (Rack) |              |



## CRIMPED RUBBER AIR BRAKE HOSE ASSEMBLIES D.O.T. -40°F to +200°F, -40°C to +93°C TEMPERATURE RANGE

- D.O.T. Listed • 225 P.S.I. Working Pressure • -40°F to +200°F, -40°C to +93°C
- Many Other Common Lengths Available From Stock. Custom Lengths On Request.
- For Assemblies Requiring -65°F, -54°C Cold Weather Arctic Hose Simply Replace "HAB" Prefix With "HABA" (HABA-6-24B) • Bulk Hose Page 102 • Display Rack Page 278

|                     |                    |
|---------------------|--------------------|
| Length<br>Up to 36" | Tolerance<br>±1/4" |
| Above 36"           | ±1% of length      |



| PART No.   | Pipe Size | Hose I.D. (IN.) | Hose        |
|------------|-----------|-----------------|-------------|
| HAB-6-__B  | 1/4       | 3/8             | Rubber      |
| HAB-6-__C  | 3/8       | 3/8             | Rubber      |
| HABA-6-__B | 1/4       | 3/8             | Arctic Hose |
| HABA-6-__C | 3/8       | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



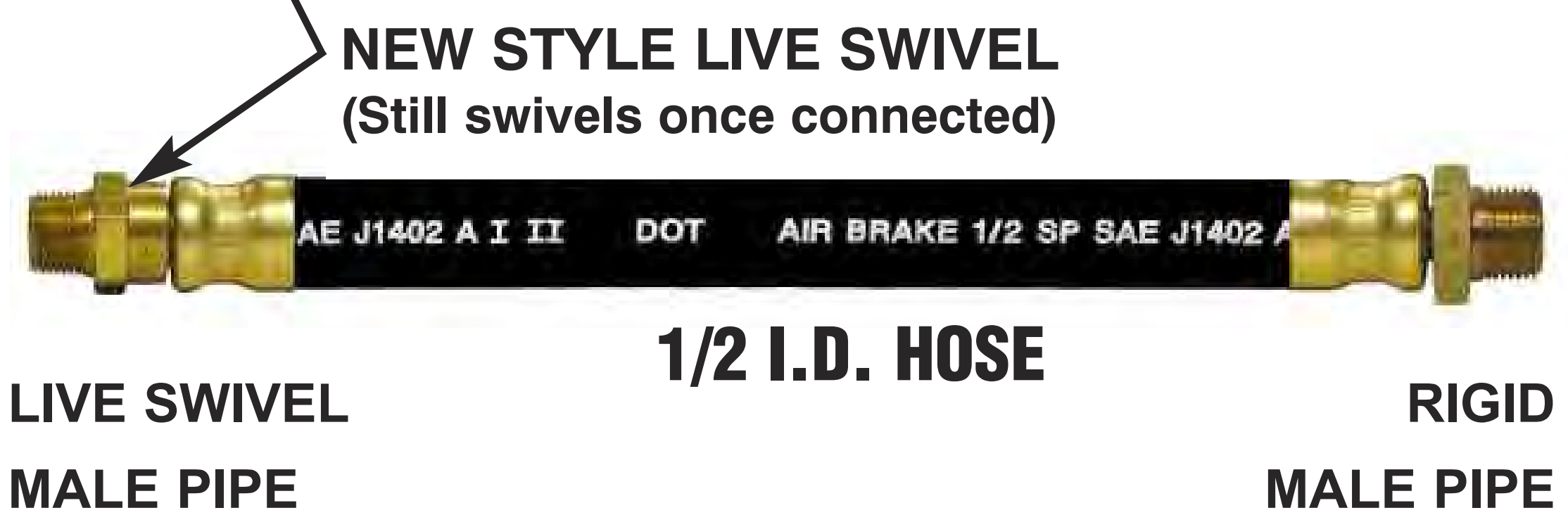
| PART No.    | Pipe Size  | Hose I.D. (IN.) | Hose        |
|-------------|------------|-----------------|-------------|
| HAB-8-__C   | 3/8        | 1/2             | Rubber      |
| HAB-8-__CD  | 1/2 TO 3/8 | 1/2             | Rubber      |
| HABA-8-__C  | 3/8        | 1/2             | Arctic Hose |
| HABA-8-__CD | 1/2 TO 3/8 | 1/2             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



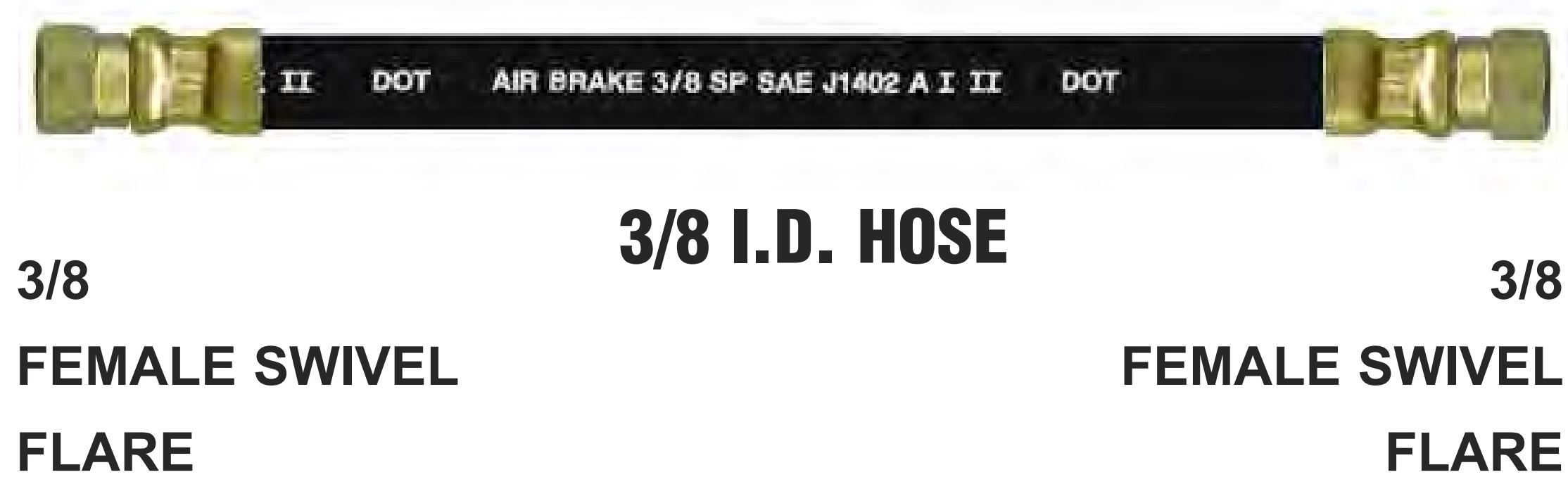
| PART No.      | Pipe Size | Hose I.D. (IN.) | Hose        |
|---------------|-----------|-----------------|-------------|
| HAB-6-__BLSB  | 1/4       | 3/8             | Rubber      |
| HAB-6-__CLSC  | 3/8       | 3/8             | Rubber      |
| HABA-6-__BLSB | 1/4       | 3/8             | Arctic Hose |
| HABA-6-__CLSC | 3/8       | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



| PART No.      | Pipe Size  | Hose I.D. (IN.) | Hose        |
|---------------|------------|-----------------|-------------|
| HAB-8-__CLSC  | 3/8        | 1/2             | Rubber      |
| HAB-8-__DLSC  | 1/2 TO 3/8 | 1/2             | Rubber      |
| HABA-8-__CLSC | 3/8        | 1/2             | Arctic Hose |
| HABA-8-__DLSC | 1/2 TO 3/8 | 1/2             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



| PART No.    | Flare Size | Hose I.D. (IN.) | Hose        |
|-------------|------------|-----------------|-------------|
| HAB-6-__FS  | 3/8        | 3/8             | Rubber      |
| HABA-6-__FS | 3/8        | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



| PART No.    | Flare Size | Hose I.D. (IN.) | Hose        |
|-------------|------------|-----------------|-------------|
| HAB-8-__FS  | 1/2        | 1/2             | Rubber      |
| HABA-8-__FS | 1/2        | 1/2             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

- STANDARD ASSEMBLIES RANGE IN LENGTH FROM 16 TO 96 INCHES X 2 INCH INCREMENTS
- ALSO AVAILABLE WITH SPRING GUARD SUFFIX WITH -SG

**CAUTION:** Some agents used in the curing of rubber hose may leach out over time. Trace amounts may be enough to cause problems for sensitive hands. Gloves should be worn and care taken in handling of rubber hose products.



## CRIMPED RUBBER AIR BRAKE HOSE ASSEMBLIES D.O.T. -40°F to +200°F, -40°C to +93°C TEMPERATURE RANGE

• D.O.T. Listed • 225 P.S.I. Working Pressure • -40°F to +200°F, -40°C to +93°C  
 • Many Other Common Lengths Available From Stock. Custom Lengths On Request.  
 • For Assemblies Requiring -65°F, -54°C Cold Weather Arctic Hose Simply Replace "HAB"  
 Prefix With "HABA" (HABA-6-24B) • Bulk Hose Page 102 • Display Rack Page 278

|                     |                    |
|---------------------|--------------------|
| Length<br>Up to 36" | Tolerance<br>±1/4" |
| Above 36"           | ±1% of length      |



**3/8 I.D. HOSE**  
 3/8 SWIVEL MALE PIPE      3/8 SWIVEL MALE PIPE

| PART No.      | SW Pipe Size | Hose I.D. (IN.) | Hose        |
|---------------|--------------|-----------------|-------------|
| HAB-6-__C-SW  | 3/8          | 3/8             | Rubber      |
| HABA-6-__C-SW | 3/8          | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



**1/2 I.D. HOSE**  
 SWIVEL MALE PIPE      SWIVEL MALE PIPE

| PART No.      | SW Pipe Size | Hose I.D. (IN.) | Hose        |
|---------------|--------------|-----------------|-------------|
| HAB-8-__C-SW  | 3/8          | 1/2             | Rubber      |
| HAB-8-__D-SW  | 1/2          | 1/2             | Rubber      |
| HABA-8-__C-SW | 3/8          | 1/2             | Arctic Hose |
| HABA-8-__D-SW | 1/2          | 1/2             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



**3/8 I.D. HOSE**  
 3/8 LIVE SWIVEL MALE PIPE      3/8 LIVE SWIVEL MALE PIPE

| PART No.       | LSW Pipe Size | Hose I.D. (IN.) | Hose        |
|----------------|---------------|-----------------|-------------|
| HAB-6-__C-LSW  | 3/8           | 3/8             | Rubber      |
| HABA-6-__C-LSW | 3/8           | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



**1/2 I.D. HOSE**  
 LIVE SWIVEL MALE PIPE      LIVE SWIVEL MALE PIPE  
 NEW STYLE LIVE SWIVEL (Still swivels once connected)

| PART No.       | LSW Pipe Size | Hose I.D. (IN.) | Hose        |
|----------------|---------------|-----------------|-------------|
| HAB-8-__C-LSW  | 3/8           | 1/2             | Rubber      |
| HAB-8-__D-LSW  | 1/2           | 1/2             | Rubber      |
| HABA-8-__C-LSW | 3/8           | 1/2             | Arctic Hose |
| HABA-8-__D-LSW | 1/2           | 1/2             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

### AIR BRAKE ASSEMBLIES D.O.T. (WITH SPRING GUARD)

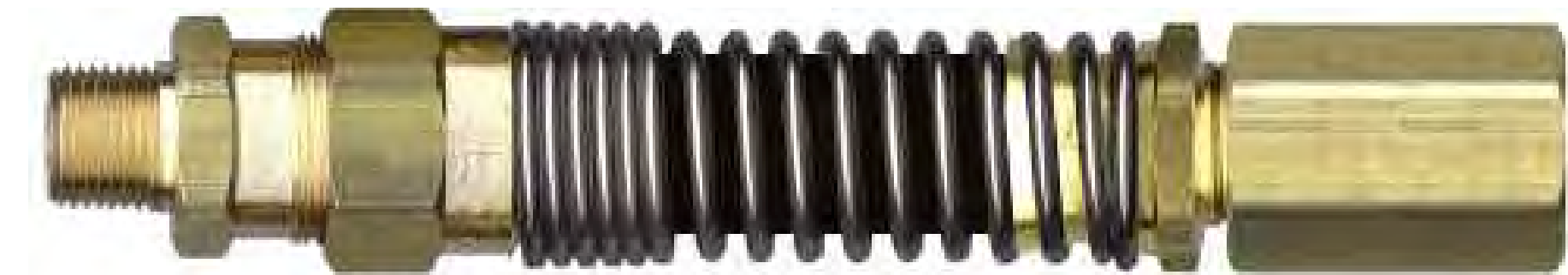


**3/8" SWIVEL MALE PIPE**      **1/2" RIGID MALE PIPE**

| PART No.         | Length (IN.) | Hose I.D. (IN.) |
|------------------|--------------|-----------------|
| HAB-6-13.62CD-SG | 13.62        | 3/8             |
| HAB-8-13.62CD-SG | 13.62        | 1/2             |

NOTE: ADDITIONAL LENGTHS AVAILABLE ON REQUEST. ENDS ARE COMPLETE WITH THREAD SEALANT.

### AIR BRAKE ASSEMBLIES D.O.T. (GLADHAND ADAPTER)



• Greater Flexibility • Easy Attachment of Gladhand  
 • Cost Effective Alternative to the Swing Away Gladhand

| PART No.       | Description:                                                                               | PART No.       | Description:                                                                               |
|----------------|--------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------|
| HAB-NOSE BOX-1 | • 3/8" I.D. Hose<br>• 1/2" NPT Reusable End<br>• 1/2" NPT Crimp End<br>• 6" Overall Length | HAB-NOSE BOX-2 | • 3/8" I.D. Hose<br>• 1/2" NPT Reusable End<br>• 1/2" FPT Crimp End<br>• 6" Overall Length |

ALTERNATIVE TO A SOLID SWIVEL GLADHAND. GLADHAND SOLD SEPARATELY PAGE 182

**CAUTION: Some agents used in the curing of rubber hose may leach out over time. Trace amounts may be enough to cause problems for sensitive hands. Gloves should be worn and care taken in handling of rubber hose products.**



## BULKHEAD AND SLIDER HOSE ASSEMBLIES -40°F to +200°F, -40°C to +93°C TEMPERATURE RANGE

- D.O.T. Listed • 225 P.S.I. Working Pressure • -40°F to +200°F, -40°C to +93°C
- Many Other Common Lengths Available From Stock. Custom Lengths On Request.
- For Assemblies Requiring -65°F, -54°C Cold Weather Arctic Hose Simply Replace "HAB" Prefix With "HABA" (HABA-6-24B) • Bulk Hose Page 102 • Display Rack Page 278

| Length    | Tolerance     |
|-----------|---------------|
| Up to 36" | ±1/4"         |
| Above 36" | ±1% of length |

### BULKHEAD HOSE ASSEMBLY



**3/8 I.D. HOSE**

1/2 MALE BULKHEAD X 1/4 FEMALE PIPE WITH SPRING GUARDS (-SG) NEW STYLE LIVE SWIVEL (Still swivels once connected)

3/8 LIVE SWIVEL MALE PIPE

| PART No.           | F Pipe Size | SW Pipe Size | Hose I.D. (IN.) | Hose        |
|--------------------|-------------|--------------|-----------------|-------------|
| HAB-6-__BHBLSC-SG  | 1/4         | 3/8          | 3/8             | Rubber      |
| HABA-6-__BHBLSC-SG | 1/4         | 3/8          | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

### SERVICEABLE SLIDER HOSE ASSEMBLY



7/8-20 MOUNTING THREAD

**3/8 I.D. HOSE**

D.O.T. AIR BRAKE TUBE WITH SPRING GUARDS (-SG) NEW STYLE LIVE SWIVEL (Still swivels once connected)

3/8 LIVE SWIVEL MALE PIPE

| PART No.          | LSW Pipe Size | Tube Size | Hose I.D. (IN.) | Hose        |
|-------------------|---------------|-----------|-----------------|-------------|
| HAB-6-__SABH6-SG  | 3/8           | 3/8       | 3/8             | Rubber      |
| HAB-6-__SABH8-SG  | 3/8           | 1/2       | 3/8             | Rubber      |
| HABA-6-__SABH6-SG | 3/8           | 3/8       | 3/8             | Arctic Hose |
| HABA-6-__SABH8-SG | 3/8           | 1/2       | 3/8             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

### CONTROL LINE SLIDER HOSE ASSEMBLY



7/8-20 MOUNTING THREAD

**1/4 I.D. HOSE**

D.O.T. AIR BRAKE TUBE WITH SPRING GUARDS ADD (-SG) D.O.T. AIR BRAKE TUBE

| PART No.      | AB Tube Size | Hose I.D. (IN.) | Hose        |
|---------------|--------------|-----------------|-------------|
| HAB-4-__ABH6  | 3/8          | 1/4             | Rubber      |
| HABA-4-__ABH6 | 3/8          | 1/4             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

• SEE PAGE 114 FOR AIR SHIFT TRANSMISSION ASSEMBLIES.

### SLIDER AXLE HOSE ASSEMBLY



7/8-20 MOUNTING THREAD

**WITH SPRING GUARDS (-SG)**

D.O.T. AIR BRAKE TUBE WITH SPRING GUARDS (-SG) D.O.T. AIR BRAKE TUBE

| PART No.         | AB Tube Size | Hose I.D. (IN.) | Hose        |
|------------------|--------------|-----------------|-------------|
| HAB-6-__ABH6-SG  | 3/8          | 3/8             | Rubber      |
| HAB-6-__ABH8-SG  | 1/2          | 3/8             | Rubber      |
| HAB-8-__ABH8-SG  | 1/2          | 1/2             | Rubber      |
| HABA-6-__ABH6-SG | 3/8          | 3/8             | Arctic Hose |
| HABA-6-__ABH8-SG | 1/2          | 3/8             | Arctic Hose |
| HABA-8-__ABH8-SG | 1/2          | 1/2             | Arctic Hose |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

**CAUTION:** Some agents used in the curing of rubber hose may leach out over time. Trace amounts may be enough to cause problems for sensitive hands. Gloves should be worn and care taken in handling of rubber hose products.



*The Fairview*

# ARLECTRIC™

## 3-IN-1 AIR BRAKE & ELECTRICAL LINES

The 3-in-1 **ARLECTRIC** Air Brake & Electric assembly set was developed to simplify and protect air brake and electrical lines between the tractor and the trailer. The unique live swivel hose ends and superior flexibility of the **ARLECTRIC** set promotes longer hose life, helps prevent tangling and means less time is required to make connections.

**Technical Specifications:**

- MEETS OR EXCEEDS: S.A.E J2394, J560, J1402 D.O.T F.M.V.S.S 106 TYPE F
- TEMPERATURE: -85°F to +200°F, -65°C to +93°C
- FITTINGS: 1/2" live swivel male pipe each end

| PART No.    | Length |
|-------------|--------|
| HAB3-ABS-12 | 12 Ft. |
| HAB3-ABS-15 | 15 Ft. |
| HAB3-ABS-20 | 20 Ft. |

Color coded spring ends



Rack with assemblies and signage available.

Live Swivels All Ends

Caution: To reduce risk of hose failure due to snagging, Fairview recommends that airbrake line sets are to be secured using appropriate spring or pogo style hose supports.



[www.fairviewfittings.com](http://www.fairviewfittings.com)

Contact Fairview For Details...

**ARLECTRIC** is a trademark of Fairview Ltd.  
Oakville On L6H6G1/ Wheatfield NY 14120



## TRUCK AIRBRAKE & ELECTRICAL LINES



Color coded spring ends.



- **MEETS OR EXCEEDS:** S.A.E J2394, J560, J1402 D.O.T F.M.V.S.S 106 TYPE F
- **TEMPERATURE:** -85°F to +200°F, -65°C to +93°C
- **FITTINGS:** 1/2" live swivel male pipe each end • Superior flexibility, promotes longer hose life

| PART No.       | 3-in-1 ELECTRICAL & AIR BRAKE LINES                                        | Length (FT.) |
|----------------|----------------------------------------------------------------------------|--------------|
| HAB3-ABS-12    | 3/8 7-Way Green ABS cable & AB lines; color coded rubber grip              | 12           |
| HAB3-ABS-15    | 3/8 7-Way Green ABS cable & AB lines; color coded rubber grip              | 15           |
| HAB3-ABS-20    | 3/8 7-Way Green ABS cable & AB lines; color coded rubber grip              | 20           |
| HAB3-NABS-12   | 3/8 7-Way Black Non-ABS cable & AB lines; color coded rubber grip          | 12           |
| HAB3-NABS-15   | 3/8 7-Way Black Non-ABS cable & AB lines; color coded rubber grip          | 15           |
| PART No.       | 4-in-1 ELECTRICAL & AIR BRAKE LINES                                        | Length (FT.) |
| HAB4-ABSAUX-12 | 7-way ABS, ISO/Aux cable & HAB lines; color coded rubber grip              | 12           |
| HAB4-ABSAUX-15 | 7-way ABS, ISO/Aux cable & HAB lines; color coded rubber grip              | 15           |
| HAB4-ABSAUX-20 | 7-way ABS, ISO/Aux cable & HAB lines; color coded rubber grip              | 20           |
| HAB4-ABSSP-12  | 7-way ABS, Single pole liftgate cable & HAB lines; color coded rubber grip | 12           |
| HAB4-ABSSP-15  | 7-way ABS, Single pole liftgate cable & HAB lines; color coded rubber grip | 15           |
| HAB4-ABSSP-20  | 7-way ABS, Single pole liftgate cable & HAB lines; color coded rubber grip | 20           |
| HAB4-ABSDP-12  | 7-way ABS, Dual pole liftgate cable & HAB lines; color coded rubber grip   | 12           |
| HAB4-ABSDP-15  | 7-way ABS, Dual pole liftgate cable & HAB lines; color coded rubber grip   | 15           |
| HAB4-ABSDP-20  | 7-way ABS, Dual pole liftgate cable & HAB lines; color coded rubber grip   | 20           |

## TRUCK TO TRAILER RUBBER AIR BRAKE LINES



To Order Complete with Gladhand Suffix PART No. with -GH

Featuring Fairview Live Swivels on Both Ends.

- SAE J1402 rubber air brake hose with factory crimped ends.
- Red or Blue GLAD GRIPS for easy glad hand connection, identification and hose bend protection
- Swivel fitting with spring guard for easy end installation.
- Internal live swivel at gladhand grip for added strain relief.
- Assemblies meet D.O.T F.M.V.S.S 106

| PART No.       | Length (FT.) | Swivel Male Pipe | Low Temp.    |
|----------------|--------------|------------------|--------------|
| HABRED-15GGSG  | 15           | 1/2              | -40°F, -40°C |
| HABBLU-15GGSG  | 15           | 1/2              | -40°F, -40°C |
| HABARED-15GGSG | 15           | 1/2              | -65°F, -54°C |
| HABABLU-15GGSG | 15           | 1/2              | -65°F, -54°C |
| HABRED-20GGSG  | 20           | 1/2              | -40°F, -40°C |
| HABBLU-20GGSG  | 20           | 1/2              | -40°F, -40°C |
| HABARED-20GGSG | 20           | 1/2              | -65°F, -54°C |
| HABABLU-20GGSG | 20           | 1/2              | -65°F, -54°C |

Part numbers above are for ONE Assembly combined with Glad Grip & Spring Guard.

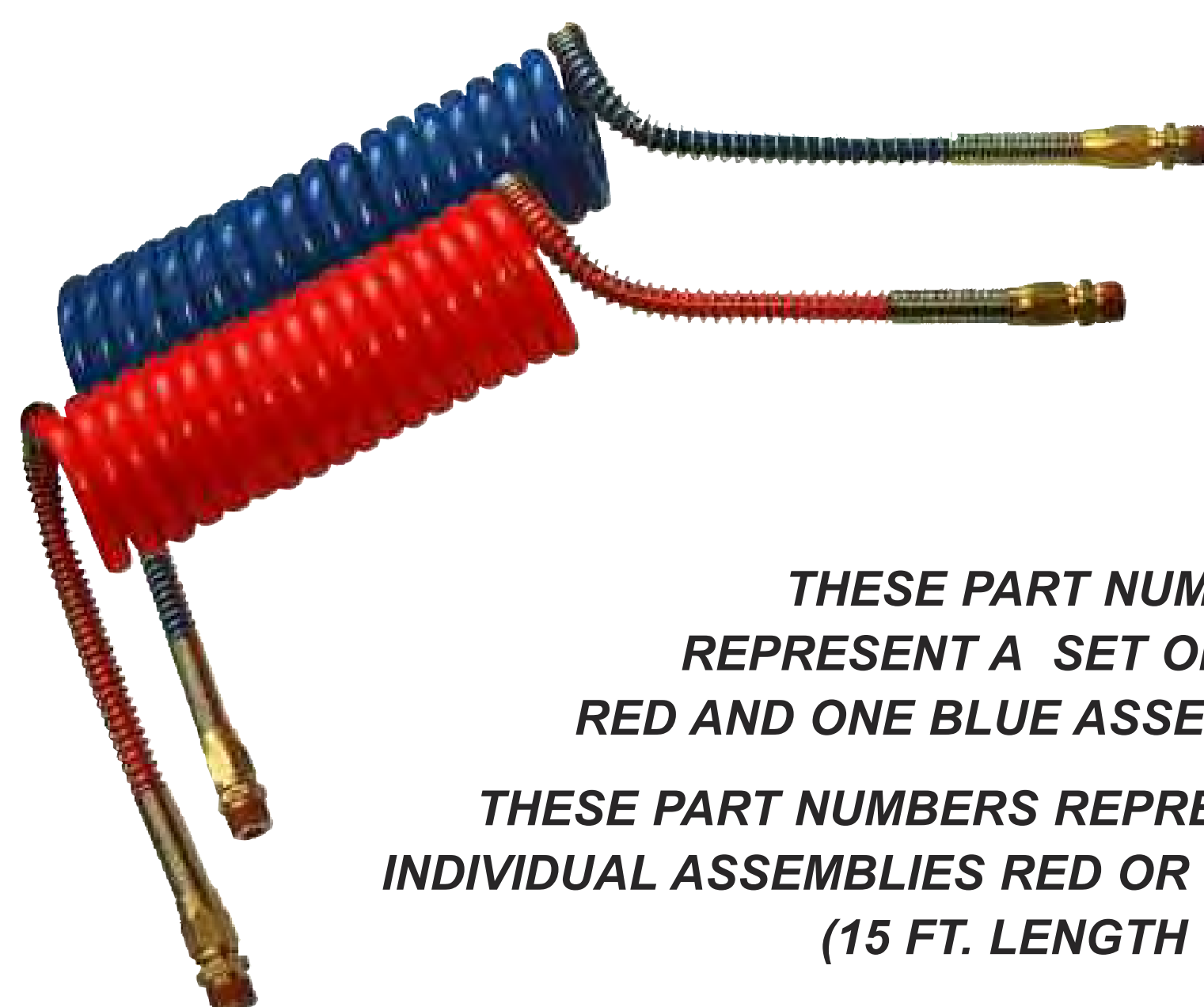
| PART No.      | Length (FT.) | Low Temp.    |
|---------------|--------------|--------------|
| HABSPW-15GGSG | 15           | -40°F, -40°C |
| HABSPW-20GGSG | 20           | -40°F, -40°C |



Spiral Hose Guard Wrap Available

Part numbers above are for TWO Assemblies combined with Spiral Hose Guard Wrap.

## S.A.E. J844 RETRACTABLE AIR BRAKE COILS



THESE PART NUMBERS REPRESENT A SET OF ONE RED AND ONE BLUE ASSEMBLY.  
THESE PART NUMBERS REPRESENT INDIVIDUAL ASSEMBLIES RED OR BLUE. (15 FT. LENGTH ONLY)

- **MEETS:** S.A.E. J884D Type 3B D.O.T. F.M.V.S.S. 106
- **COLORS:** Red, Blue
- **TEMPERATURE:** -85°F to +200°F, -65°C to +93°C
- **PACKAGING:** As a Set of One Red and One Blue.
- **FITTINGS:** 1/2" Male Pipe Each End.

LOW TEMPERATURE RATED

**-85°F**  
(-65°C)

| PART No.      | Working Length (FT.) | Tube O.D. (IN.) | Pigtail Length (IN.) | Male Pipe Ends | Low Temp     |
|---------------|----------------------|-----------------|----------------------|----------------|--------------|
| 1486L-8-15    | 15                   | 1/2             | 12"                  | 1/2            | -85°F, -65°C |
| 1486L-8-20    | 20                   | 1/2             | 12"                  | 1/2            | -85°F, -65°C |
| 1486L-8RED-15 | 15                   | 1/2             | 12"                  | 1/2            | -85°F, -65°C |
| 1486L-8BLU-15 | 15                   | 1/2             | 12"                  | 1/2            | -85°F, -65°C |





**S.A.E. 100R5  
S.A.E. J1402**

MEETS D.O.T. F.M.V.S.S. - 106  
ONE WIRE BRAID  
TWO COTTON BRAIDS  
(NON SKIVE)  
COVER IS NOT REMOVED

For medium pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils, air and water. Recommended for power steering and power steering return lines, fuel filters, turbo chargers, tilt lines, lube oil lines and machine tools. Not suitable for use with phosphate esters.

- **CONSTRUCTION:** Textile inner braid with single wire braid reinforcement.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Textile outer braid and a cotton braided black cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C
- **PACKAGING:** For reel lengths and carton quantities see below.  
Sizes -4 to -16 available in 100 Ft. Coils.
- **FITTINGS:** SCW500 Crimp (Page 80)  
SR500 Reusable (Page 81)

\* Max. temperature recommended for air +140F, +60C

| PART No.    | Nominal I.D. | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Approx. Wgt. / Ft. (LBS.) | Reel Length (FT.) |
|-------------|--------------|-------------------|-----------------|---------------------------|------------------------------|------------------------|---------------------------|-------------------|
| HR5-4-REEL  | 1/4          | 3/16              | 0.52            | 3,000                     | 12,000                       | 3.00                   | .16                       | 250               |
| HR5-5-REEL  | 5/16         | 1/4               | 0.58            | 2,500                     | 10,000                       | 3.38                   | .18                       | 250               |
| HR5-6-REEL  | 3/8          | 5/16              | 0.68            | 2,250                     | 9,000                        | 4.00                   | .22                       | 250               |
| HR5-8-REEL  | 1/2          | 13/32             | 0.77            | 2,000                     | 8,000                        | 4.62                   | .27                       | 250               |
| HR5-10-REEL | 5/8          | 1/2               | 0.92            | 1,750                     | 7,000                        | 5.50                   | .34                       | 250               |
| HR5-12-REEL | 3/4          | 5/8               | 1.08            | 1,500                     | 6,000                        | 6.50                   | .42                       | 250               |
| HR5-16-REEL | 1            | 7/8               | 1.24            | 800                       | 3,200                        | 7.38                   | .44                       | 165               |
| HR5-20-CTN  | 1-1/4        | 1-1/8             | 1.50            | 625                       | 2,500                        | 9.00                   | .52                       | 100               |
| HR5-24-CTN  | 1-1/2        | 1-3/8             | 1.75            | 500                       | 2,000                        | 10.50                  | .62                       | 100               |
| HR5-32-CTN  | 2            | 1-13/16           | 2.22            | 350                       | 1,400                        | 13.25                  | .93                       | 100               |

**BLUE HIGH TEMP. S.A.E. 100R5 HOSE**



**S.A.E. 100R5  
S.A.E. J1402  
HIGH TEMPERATURE**

MEETS D.O.T. F.M.V.S.S. - 106  
ONE WIRE BRAID  
TWO COTTON BRAIDS  
(NON SKIVE)  
COVER IS NOT REMOVED

For high temperature, medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Recommended for power steering and power steering return lines, fuel filters, turbo chargers, tilt lines, lube oil lines, compressors and machine tools. Not suitable with phosphate esters.

- **CONSTRUCTION:** Textile inner braid with single wire braid reinforcement.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Textile outer braid and a cotton braided cover.
- **COLOR:** Blue
- **TEMPERATURE:** -49°F to +300°F, -55°C to +150°C
- **PACKAGING:** For reel lengths and carton quantities see below.
- **FITTINGS:** SCW500 Crimp (Page 80)  
SR500 Reusable (Page 81)

| PART No.      | Nominal I.D. | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Approx. Wgt. / Ft. (LBS.) | Reel Length (FT.) |
|---------------|--------------|-------------------|-----------------|---------------------------|------------------------------|------------------------|---------------------------|-------------------|
| HR5HT-6-REEL  | 3/8          | 5/16              | 0.67            | 2,250                     | 9,000                        | 4.00                   | .23                       | 300               |
| HR5HT-8-REEL  | 1/2          | 13/32             | 0.76            | 2,000                     | 8,000                        | 4.62                   | .26                       | 500               |
| HR5HT-10-REEL | 5/8          | 1/2               | 0.93            | 1,750                     | 7,000                        | 5.50                   | .37                       | 300               |
| HR5HT-12-REEL | 3/4          | 5/8               | 1.08            | 1,500                     | 6,000                        | 6.50                   | .46                       | 250               |
| HR5HT-16-REEL | 1            | 7/8               | 1.27            | 800                       | 3,200                        | 7.38                   | .44                       | 190               |
| HR5HT-20-CTN  | 1-1/4        | 1-1/8             | 1.50            | 625                       | 2,500                        | 9.00                   | .52                       | 90                |
| HR5HT-24-CTN  | 1-1/2        | 1-3/8             | 1.75            | 500                       | 2,000                        | 10.50                  | .67                       | 60                |



# FUEL LINE HOSE

**Fairview**



## S.A.E. 30R7

Designed to convey most fuels in cars, trucks, buses etc. Durable cover resists deterioration from oil, grease, heat and ozone and gives long service life.

**NOTE:** FLH IS NOT DESIGNED FOR MARINE USE WITH ALCOHOL BLENDED FUELS.

- **MEETS:** S.A.E. 30R7
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +257°F, -40°C to +125°C
- **PACKAGING:** 250 FT Reels, 50 and 100 FT Coils
- **FITTINGS:** Hose Barbs (Page 70)
- **CLAMPS:** HC5 & HC6 (Page 154)

| PART No.  | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Length<br>(FT.) | Working<br>Pressure<br>(P.S.I.) | Min. Burst<br>Pressure<br>(P.S.I.) |
|-----------|----------------------|--------------------|-----------------|---------------------------------|------------------------------------|
| FLH-3-25  | 3/16                 | .406               | 25              | 50                              | 250                                |
| FLH-3-50  | 3/16                 | .406               | 50              | 50                              | 250                                |
| FLH-3-100 | 3/16                 | .406               | 100             | 50                              | 250                                |
| FLH-3-250 | 3/16                 | .406               | 250             | 50                              | 250                                |
| FLH-4-25  | 1/4                  | .500               | 25              | 50                              | 250                                |
| FLH-4-50  | 1/4                  | .500               | 50              | 50                              | 250                                |
| FLH-4-100 | 1/4                  | .500               | 100             | 50                              | 250                                |
| FLH-4-250 | 1/4                  | .500               | 250             | 50                              | 250                                |
| FLH-5-25  | 5/16                 | .563               | 25              | 50                              | 250                                |
| FLH-5-50  | 5/16                 | .563               | 50              | 50                              | 250                                |
| FLH-5-100 | 5/16                 | .563               | 100             | 50                              | 250                                |
| FLH-5-250 | 5/16                 | .563               | 250             | 50                              | 250                                |
| FLH-6-25  | 3/8                  | .625               | 25              | 50                              | 250                                |
| FLH-6-50  | 3/8                  | .625               | 50              | 50                              | 250                                |
| FLH-6-100 | 3/8                  | .625               | 100             | 50                              | 250                                |
| FLH-6-250 | 3/8                  | .625               | 250             | 50                              | 250                                |

**NOTE:** WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## NON-TOXIC AIR BREATHING HOSE



Specially designed non-toxic air breathing hose that provides low temperature flexibility and low odor.

- **CONSTRUCTION:** High tensile strength yarn reinforcement.
- **TUBE:** Clear PVC compound, formulated in compliance with FDA<sup>(03)</sup> and RoHS<sup>(15)</sup> requirements.
- **COVER:** Cover Non-toxic, U.V. and weather resistant PVC compound.
- **COLOR:** Black
- **TEMPERATURE:** -15°F to +150°F, -26°C to +65°C
- **TEMPERATURE:(HBAL Low Temp)** -40°F to +150°F, -40°C to +65°C
- **PACKAGING:** For reel lengths and Coils see below.
- **FITTINGS:** Hose Barbs (Page 68 - 69)

| PART No.    | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Reel<br>Length<br>(FT.) | Working<br>Pressure<br>(P.S.I.) |
|-------------|----------------------|--------------------|-------------------------|---------------------------------|
| HBA-6-REEL  | 3/8                  | .688               | 300                     | 250                             |
| HBAL-6-REEL | 3/8                  | .720               | 300                     | 300                             |



## (MEDIUM PRESSURE SMOOTH BORE)



### S.A.E. 100R14

**• TYPICAL USES INCLUDE**

Pneumatic, hot oil lines, steam lines, food processing, paint spray, compressor discharge, gases, chemical lines, steering lines, brake lines, high pressure hydraulic lines.

PTFE hose can solve almost all “problem” applications. It is suitable for use with steam, solvents, fuels, hydraulic fluids, most chemicals and acids. Vibration absorption, extra long shelf life, high temperature and pressure ranges, make PTFE hose the most versatile hose in the industry today.

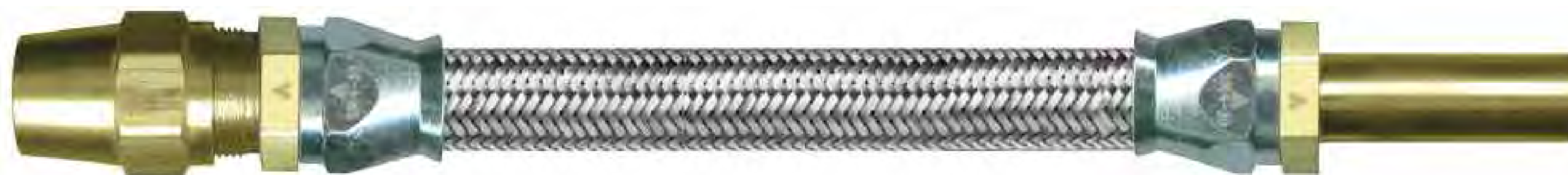
- **CONSTRUCTION:** Braided Outer Cover
- **TUBE:** PTFE Inner Tube
- **COVER:** Stainless Steel (TYPE 304)
- **TEMPERATURE:** -65°F to + 450°F, -54°C to +232°C
- **PACKAGING:** Bulk Coils - Random Lengths
- **FITTINGS:** SCT400 One Piece Crimp (Page 82)  
SR400 Reusable End (Page 83)

| PART No. | Nominal I.D. | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) |
|----------|--------------|-------------------|-----------------|---------------------------|------------------------------|------------------------|
| HT-4     | 1/4          | 3/16              | .30             | 3000                      | 12000                        | 1.50                   |
| HT-5     | 5/16         | 1/4               | .38             | 3000                      | 12000                        | 2.00                   |
| HT-6     | 3/8          | 5/16              | .44             | 2500                      | 10000                        | 3.50                   |
| HT-8     | 1/2          | 13/32             | .54             | 2000                      | 8000                         | 4.50                   |
| HT-10    | 5/8          | 1/2               | .63             | 1750                      | 7000                         | 5.00                   |
| HT-12    | 3/4          | 5/8               | .76             | 1500                      | 6000                         | 6.00                   |
| HT-16    | 1            | 7/8               | 1.03            | 1000                      | 4000                         | 9.00                   |
| HT-20    | 1-1/4        | 1-1/8             | 1.29            | 750                       | 3000                         | 16.00                  |

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## HOW TO ORDER CUSTOM FACTORY MADE PTFE HOSE ASSEMBLIES (STAINLESS STEEL BRAIDED COVER - BRASS ENDS)

AIR BRAKE  
COMPRESSION



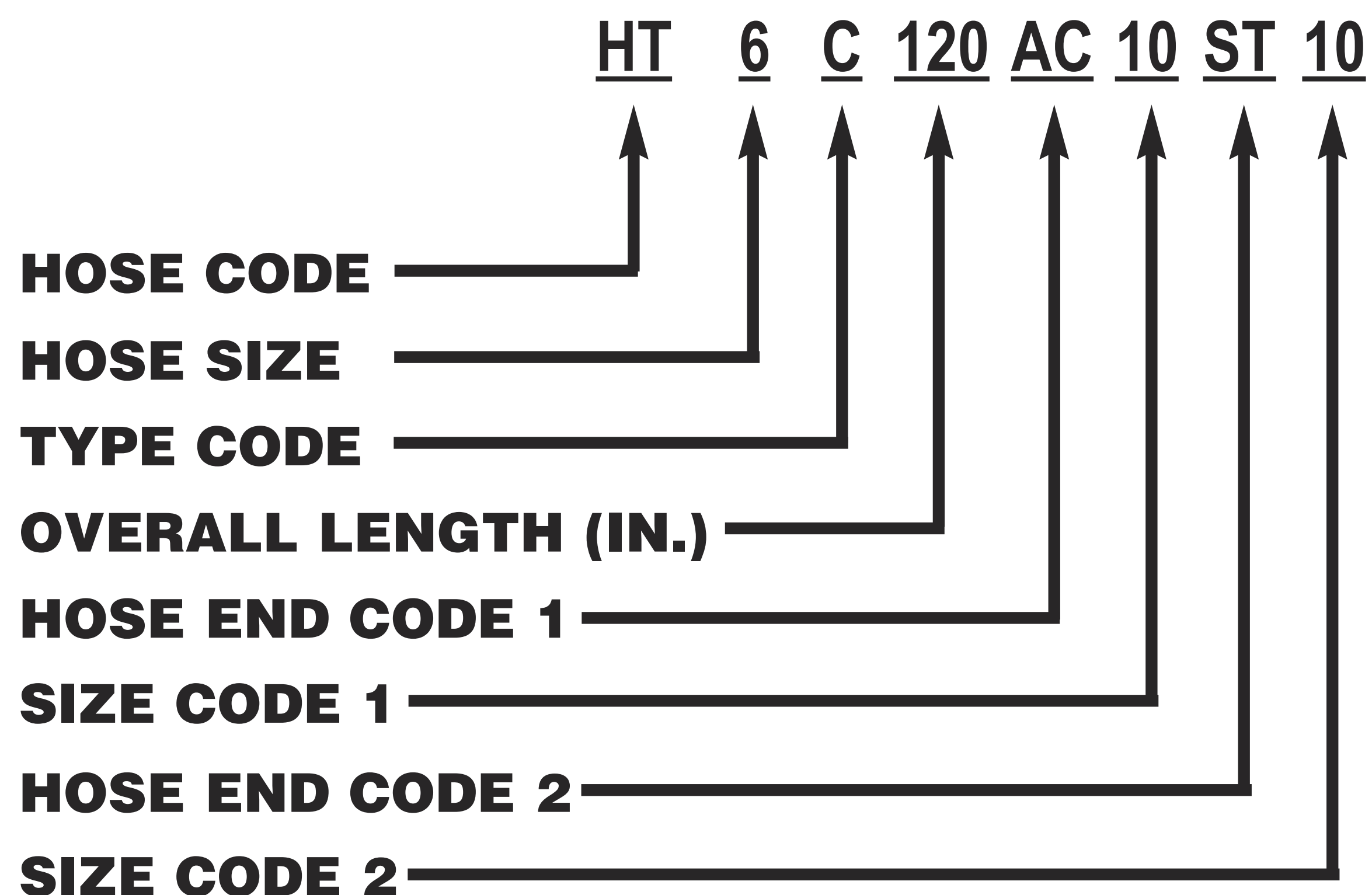
STRAIGHT  
TUBE

*Note: When ordering elbow on assemblies please note measurements are measured from the center of elbow to opposite end of assembly.*

### SAMPLE HOSE ASSEMBLY PART NUMBER

### HOSE END FITTING CODE

### END SIZE CODE



|    | HOSE END FITTING CODE               | END SIZE CODE                  |
|----|-------------------------------------|--------------------------------|
| AC | AIRBRAKE COMPRESSION                | <u>SIZE</u> 1/4" <u>CODE</u> 4 |
| FJ | FEMALE SWIVEL 37° (J.I.C.) FLARE    | 5/16"    5                     |
| FS | FEMALE SWIVEL 45° (S.A.E.) FLARE    | 3/8"    6                      |
| MI | MALE INVERTED FLARE SWIVEL          | 1/2"    8                      |
| MP | MALE PIPE                           | 5/8"    10                     |
| ST | STRAIGHT TUBE                       | 3/4"    12                     |
| J5 | 45° ELBOW SWIVEL 37° (J.I.C.) FLARE | 1"    16                       |
| J9 | 90° ELBOW SWIVEL 37° (J.I.C.) FLARE |                                |





## S.A.E. 20R3 CLASS A

| PART No.  | Actual I.D. (IN.) | Hose O.D. (IN.) | Min. Burst Pressure (P.S.I.) |
|-----------|-------------------|-----------------|------------------------------|
| HHS-6-50  | 3/8               | .707            | 310                          |
| HHS-8-50  | 1/2               | .875            | 310                          |
| HHS-10-50 | 5/8               | 1.00            | 300                          |
| HHS-12-50 | 3/4               | 1.125           | 300                          |
| HHS-14-50 | 7/8               | 1.25            | 200                          |
| HHS-16-50 | 1                 | 1.375           | 250                          |

Recommended for extra high-temp heater connections, air-pump discharge and any similar uses.

- **MEETS:** S.A.E. 20R3 Class A (Tested To J20E PART VI)
- **COLOR:** Blue
- **TEMPERATURE:** -65°F to +350°F, -54°C to +177°C
- **PACKAGING:** 50 Foot Coils
- **FITTINGS:** Hose Barbs (Page 68 - 69)
- **CLAMPS:** Page 154

## TRUCK SILICONE COOLANT HOSE



## S.A.E. J20 R1 CLASS A

| PART No. | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) |
|----------|-------------------|-----------------|---------------------------|
| CHS-12-4 | 3/4               | 1.14            | 80                        |
| CHS-14-4 | 7/8               | 1.27            | 80                        |
| CHS-16-4 | 1                 | 1.37            | 75                        |
| CHS-18-4 | 1-1/8             | 1.52            | 75                        |
| CHS-20-4 | 1-1/4             | 1.64            | 65                        |
| CHS-22-4 | 1-3/8             | 1.77            | 65                        |
| CHS-24-4 | 1-1/2             | 1.89            | 60                        |
| CHS-26-4 | 1-5/8             | 2.02            | 60                        |
| CHS-28-4 | 1-3/4             | 2.14            | 55                        |
| CHS-32-4 | 2                 | 2.37            | 50                        |

4 Ply silicone coolant hose reinforced with polyester fabric and coated with specially compounded silicone elastomer. Ideal for extreme temperatures and various pressure ranges.

- **MEETS OR EXCEEDS:** S.A.E. J20 R1 Class A
- **COLOR:** Blue
- **TEMPERATURES:** -65°F to +350°F, -54°C to +177°C
- **PACKAGING:** 4 Foot Lengths (Eg. FOR 8 FT. ORDER 2 PCS.)
- **CLAMPS:** Page 154

| PART No. | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) |
|----------|-------------------|-----------------|---------------------------|
| CHS-36-4 | 2-1/4             | 2.64            | 40                        |
| CHS-38-4 | 2-3/8             | 2.77            | 40                        |
| CHS-40-4 | 2-1/2             | 2.89            | 35                        |
| CHS-42-4 | 2-5/8             | 3.00            | 35                        |
| CHS-44-4 | 2-3/4             | 3.14            | 30                        |
| CHS-46-4 | 2-7/8             | 3.25            | 30                        |
| CHS-48-4 | 3                 | 3.39            | 25                        |
| CHS-52-4 | 3-1/4             | 3.64            | 25                        |
| CHS-56-4 | 3-1/2             | 3.89            | 15                        |
| CHS-64-4 | 4                 | 4.37            | 10                        |

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## TRUCK SILICONE TURBO CHARGER CONNECTOR



TCS2  
2 Ring



TCS3  
3 Ring

Recommended for extra high-temp turbo charger connections. 4-PLY Silicone coated fabric with stainless steel retention rings.

- **COLOR:** ORANGE
- **TEMPERATURE:** -65°F TO +500° F, -54° C to +260°C
- **PACKAGING:** Per Piece
- **CLAMPS:** HC19 & HC20 (Page 156)

| PART No.  | Actual I.D. (IN.) | Length (IN.) | W.P. (P.S.I.) |
|-----------|-------------------|--------------|---------------|
| TCS2-48-6 | 3                 | 6            | 60            |
| TCS2-64-6 | 4                 | 6            | 55            |
| TCS2-72-6 | 4-1/2             | 6            | 50            |

| PART No.  | Actual I.D. (IN.) | Length (IN.) | W.P. (P.S.I.) |
|-----------|-------------------|--------------|---------------|
| TCS3-48-6 | 3                 | 6            | 60            |
| TCS3-56-6 | 3-1/2             | 6            | 55            |
| TCS3-64-6 | 4                 | 6            | 50            |
| TCS3-64-8 | 4                 | 8            | 50            |
| TCS3-72-6 | 4-1/2             | 6            | 45            |



**PREMIUM RED RUBBER HEATER HOSE**

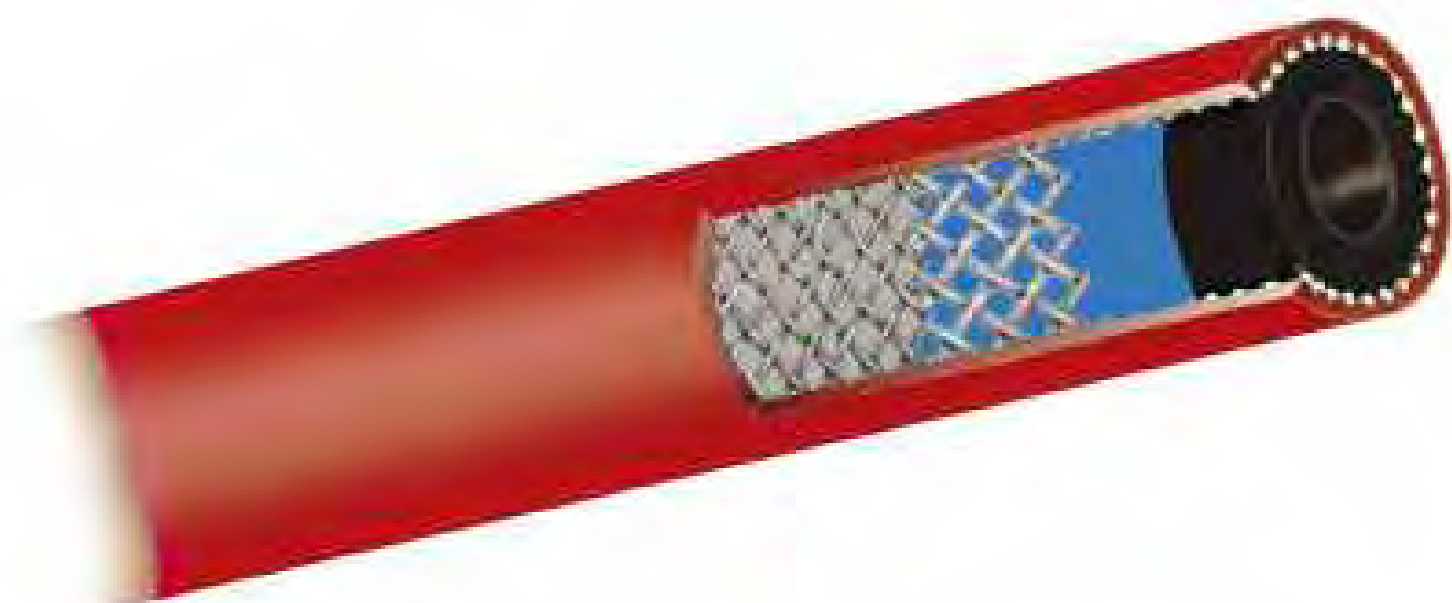


A replacement for OE on most cars and trucks. This high quality hose is for higher temperatures. Withstands the abuse of corrosive solutions and additives. Resists weathering to provide long and trouble-free service.

- **MEETS:** Similar to S.A.E. 20R3 Class D2, S.A.E. J2387
- **COLOR:** Red
- **TEMPERATURE:** -40°F to +257°F, -40C to +125°C
- **PACKAGING:** 50 FT. Coils, Reel
- **FITTINGS:** Hose Barbs (Page 68 - 69)
- **CLAMPS:** Page 154

| PART No.  | Actual I.D. (IN.) | Hose O.D. (IN.) | Min. Burst Pressure (P.S.I.) |
|-----------|-------------------|-----------------|------------------------------|
| HHR-8-50  | 1/2               | .806            | 250                          |
| HHR-10-50 | 5/8               | .932            | 250                          |
| HHR-12-50 | 3/4               | 1.057           | 200                          |

**PREMIUM RED HEAVY DUTY THERMAL HEATER HOSE**



This heavy duty rubber hose with a blue insulating layer that helps to minimize heat loss. A replacement for OE on cars and trucks. Withstands the abuse of corrosive solutions and additives. Resists weathering to provide long and trouble-free service.

- **MEETS:** Similar to S.A.E. 20R3 Class D2, S.A.E. J2387
- **COLOR:** Red
- **TEMPERATURE:** -40°F to +257°F, -40C to +125°C
- **PACKAGING:** 50 FT. Coils
- **FITTINGS:** Hose Barbs (Page 68 - 69)
- **CLAMPS:** Page 154

| PART No.  | Actual I.D. (IN.) | Hose O.D. (IN.) | Min. Burst Pressure (P.S.I.) |
|-----------|-------------------|-----------------|------------------------------|
| HHP-8-50  | 1/2               | .812            | 250                          |
| HHP-10-50 | 5/8               | .937            | 250                          |
| HHP-12-50 | 3/4               | 1.062           | 200                          |
| HHP-16-50 | 1                 | 1.375           | 175                          |

**RUBBER HEATER HOSE**



This standard hose is for normal duty service. Withstands the abuse of corrosive solutions and additives. Resists weathering to provide long and trouble-free service.

- **MEETS:** Similar to S.A.E. 20R3 Class D2
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40C to +100°C
- **PACKAGING:** 250 FT Reels, 50 FT. Coils
- **FITTINGS:** Hose Barbs (Page 68 - 69)
- **CLAMPS:** Page 154

| PART No.   | Actual I.D. (IN.) | Hose O.D. (IN.) | Min. Burst Pressure (P.S.I.) |
|------------|-------------------|-----------------|------------------------------|
| HH-8-50    | 1/2               | .806            | 200                          |
| HH-10-REEL | 5/8               | .932            | 140                          |
| HH-10-50   | 5/8               | .932            | 140                          |
| HH-12-REEL | 3/4               | 1.057           | 125                          |
| HH-12-50   | 3/4               | 1.057           | 125                          |
| HH-16-50   | 1                 | 1.406           | 100                          |



## RUBBER COVER GRIP-TITE HOSE (PUSH-ON)



THE SPECIAL BRAIDING PROCESS USED IN THE MANUFACTURE OF THIS HOSE PERMITS THE USE OF GRIP-TITE FITTINGS, WHICH ELIMINATES THE NEED FOR CLAMPS.

A lightweight, flexible, low pressure, general purpose hose with one fiber braid reinforcement. Used for conveying hydraulic oils, mineral oils, antifreeze solutions, most agricultural sprays and other diluted chemical solutions.

- **MSHA Approved (Black Only)**
- **COVER:** Rubber Covered.
- **COLORS:** Black (Standard), Blue, Green, Grey, Red
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Bulk Reels
- **FITTINGS:** 700 Series (Page 71)

### RANDOM REEL LENGTHS FOR COLOR HOSE:

Reel lengths Maximum 725 FT., Minimum 400 FT. (5 pieces maximum per reel with minimum 50 FT. length piece)

| PART No.      | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|---------------|-------------------|-----------------|---------------------------|-------------------|
| 761-4-REEL    | 1/4               | 1/2             | 300                       | 500               |
| 761-4GRY-REEL | 1/4               | 1/2             | 300                       | Random            |
| 761-5-REEL    | 5/16              | 5/8             | 300                       | 500               |
| 761-6-REEL    | 3/8               | 5/8             | 300                       | 500               |
| 761-6BLU-REEL | 3/8               | 5/8             | 300                       | Random            |
| 761-6GRY-REEL | 3/8               | 5/8             | 300                       | Random            |

| PART No.      | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|---------------|-------------------|-----------------|---------------------------|-------------------|
| 761-8-REEL    | 1/2               | 3/4             | 300                       | 500               |
| 761-8BLU-REEL | 1/2               | 3/4             | 300                       | Random            |
| 761-8GRY-REEL | 1/2               | 3/4             | 300                       | Random            |
| 761-10-REEL   | 5/8               | 29/32           | 300                       | 500               |
| 761-12-REEL   | 3/4               | 1               | 300                       | 250               |

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

## FIBER COVER GRIP-TITE HOSE (PUSH-ON)



THE SPECIAL BRAIDING PROCESS USED IN THE MANUFACTURE OF THIS HOSE PERMITS THE USE OF GRIP-TITE FITTINGS, WHICH ELIMINATES THE NEED FOR CLAMPS.

A lightweight, flexible, low pressure, general purpose hose with one fiber braid reinforcement. Used for conveying hydraulic oils, mineral oils, antifreeze solutions, most agricultural sprays and other diluted chemical solutions.

- **COVER:** Fiber Covered.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Bulk Reels.
- **FITTINGS:** 700 Series (Page 71)

| PART No.    | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Reel Length (FT.) |
|-------------|-------------------|-----------------|---------------------------|-------------------|
| 760-4-REEL  | 1/4               | 1/2             | 300                       | 575               |
| 760-5-REEL  | 5/16              | 9/16            | 300                       | 600               |
| 760-6-REEL  | 3/8               | 5/8             | 300                       | 300               |
| 760-8-REEL  | 1/2               | 3/4             | 300                       | 300               |
| 760-10-REEL | 5/8               | 29/32           | 300                       | 260               |
| 760-12-REEL | 3/4               | 1               | 300                       | 225               |

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.



**NYLON GREASE WHIPS**



3/16" I.D. Thermoplastic, fiber reinforced hose with 1/8 steel male pipe couplings. This hose combines the best features of conventional rubber hose with the unique advantages of synthetic materials.

**Recommended use:** Hand held grease guns.

| PART No. | Length (IN.) | Working Pressure (P.S.I.) | Burst Pressure (PSI) |
|----------|--------------|---------------------------|----------------------|
| GWN-3-12 | 12           | 3000                      | 12,000               |
| GWN-3-18 | 18           | 3000                      | 12,000               |
| GWN-3-24 | 24           | 3000                      | 12,000               |

Available packaged, Suffix PART No. with the letter "P"

**RUBBER GREASE WHIPS**



These assemblies are manufactured from 3/16" I.D. S.A.E. 100R1 rubber hose. The one braid hose is permanently crimped with 1/8 brass male pipe couplings on both ends. **Recommended use:** Hand held grease guns.

| PART No.  | Length (IN.) | Working Pressure (P.S.I.) | Burst Pressure (PSI) |
|-----------|--------------|---------------------------|----------------------|
| GWR-3-12  | 12           | 3000                      | 12,000               |
| GWR-3-18  | 18           | 3000                      | 12,000               |
| GWR-3-24  | 24           | 3000                      | 12,000               |
| GWR-3-28  | 28           | 3000                      | 12,000               |
| GWR-3-36  | 36           | 3000                      | 12,000               |
| GWR-3-48  | 48           | 3000                      | 12,000               |
| GWR-3-54  | 54           | 3000                      | 12,000               |
| GWR-3-60  | 60           | 3000                      | 12,000               |
| GWR-3-72  | 72           | 3000                      | 12,000               |
| GWR-3-84  | 72           | 3000                      | 12,000               |
| GWR-3-96  | 96           | 3000                      | 12,000               |
| GWR-3-132 | 132          | 3000                      | 12,000               |
| GWR-3-144 | 144          | 3000                      | 12,000               |



Available packaged, Suffix PART No. with the letter "P"

**D.O.T. AIR SHIFT TRANSMISSION ASSEMBLIES**



**Male Pipe Swivel**

**Male Pipe Thread**

| PART No. | Swivel Pipe | Male Pipe | Hose I.D. (IN.) | Length (IN.) |
|----------|-------------|-----------|-----------------|--------------|
| 2815-4-2 | 1/8         | 1/8       | 1/4             | 15           |
| 2831-4-2 | 1/8         | 1/8       | 1/4             | 31           |
| 2832-4-2 | 1/8         | 1/8       | 1/4             | 32           |
| 2834-4-2 | 1/8         | 1/8       | 1/4             | 34           |
| 2836-4-2 | 1/8         | 1/8       | 1/4             | 36           |

OTHER LENGTHS AVAILABLE ON REQUEST

**FIFTH WHEEL SLIDER ASSEMBLY**



- **MEETS:** S.A.E. J884D TYPE 3A D.O.T. F.M.V.S.S. 106
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **FITTINGS:** 360° Brass working male pipe swivel each end.

Complete Kit see below  
Fifth Wheel Cylinder (Page 248)

| PART No.   | Working Length (IN.) | Tube O.D. (IN.) | Pigtail Length (IN.) | Male Pipe Ends |
|------------|----------------------|-----------------|----------------------|----------------|
| 1486S-4-10 | 70                   | 1/4             | 4                    | 1/4            |

**FIFTH WHEEL SLIDER KIT**



**PART No. FWSK-1**

Designed for use on sliding fifth wheels, this kit includes most everything you need to complete the connections.

- Kit Includes:
- 70" Working Length of 1/4" O.D. S.A.E. - J844-A coiled air tube.
  - 360° Brass working male pipe swivels each end.
  - Spring guard hose end protectors.
  - 90° Brass adapter elbow.
  - Frame mounting terminal bolt.

**PART No. FWSK-2**

Same as above with Push-To-Connect style connections.

**AIR SEAT GUN SPLICER KIT**



**PART No. ASGK-1**

Simply splice the air seat line with the push-to-connect tee end of the assembly. This handy kit features an industrial air gun for cleaning out the cab on site.

- Kit Includes:
- 70" Working Length of 1/4" O.D. S.A.E. J844-A coiled air tube.
  - One 360° Brass working male pipe swivel.
  - Two spring guard hose end protectors.
  - Push-to-connect splicer tee. (No tools required)
  - Chrome plated, lever handle air gun.



## MEDIUM PRESSURE HOSE



Meets or Exceeds  
**S.A.E. 100R1 TYPE AT  
EN853 1SN**

ONE WIRE BRAID (NON SKIVE)  
COVER IS NOT REMOVED

For medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**  
One ply of steel wire braid.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Oil, weather and flame-resistant M.S.H.A. Approved synthetic rubber cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C
- **PACKAGING:** For reel lengths and carton quantities see below.
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
SC900 Bite-To-The-Wire (Page 77 - 78)  
SRT100 Reusable (Page 82)
- **LOW TEMPERATURE:** -67°F to +200°F, -55°C to +93°C Available change prefix to T1SNLT-. Minimum runs may apply.

| PART No.     | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Working<br>Pressure<br>(P.S.I.) | Min. Burst<br>Pressure<br>(P.S.I.) | Min. Bend<br>Radius<br>(IN.) | Approx.<br>Wgt. / Ft.<br>(LBS.) | Reel<br>Lengths<br>(FT.) |
|--------------|----------------------|--------------------|---------------------------------|------------------------------------|------------------------------|---------------------------------|--------------------------|
| T1SN-4-REEL  | 1/4                  | .531               | 3,260                           | 13,000                             | 4.00                         | .17                             | 328                      |
| T1SN-6-REEL  | 3/8                  | .687               | 2,610                           | 10,400                             | 5.00                         | .26                             | 328                      |
| T1SN-8-REEL  | 1/2                  | .812               | 2,320                           | 9,300                              | 7.00                         | .31                             | 328                      |
| T1SN-12-REEL | 3/4                  | 1.093              | 1,520                           | 6,100                              | 9.50                         | .47                             | 164                      |
| T1SN-16-REEL | 1                    | 1.409              | 1,280                           | 5,075                              | 11.80                        | .61                             | 164                      |

## HIGH PRESSURE HOSE



Meets or Exceeds  
**S.A.E. 100R2 TYPE AT  
EN853 2SN**

TWO WIRE BRAID (NON SKIVE)  
COVER IS NOT REMOVED

For high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**  
Two plies of steel wire braid.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Oil, weather and flame-resistant black synthetic rubber cover
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C
- **PACKAGING:** For reel lengths and carton quantities see below.
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
SC900 Bite-To-The-Wire (Page 77 - 78)  
SRT200 Reusable (Page 82)
- **LOW TEMPERATURE:** -67°F to +200°F, -55°C to +93°C Available change prefix to T2SNLT-. Minimum runs may apply.

| PART No.     | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Working<br>Pressure<br>(P.S.I.) | Min. Burst<br>Pressure<br>(P.S.I.) | Min. Bend<br>Radius<br>(IN.) | Approx.<br>Wgt. / Ft.<br>(LBS.) | Reel<br>Lengths<br>(FT.) |
|--------------|----------------------|--------------------|---------------------------------|------------------------------------|------------------------------|---------------------------------|--------------------------|
| T2SN-4-REEL  | 1/4                  | .593               | 5,800                           | 23,200                             | 4.00                         | .26                             | 328                      |
| T2SN-6-REEL  | 3/8                  | .750               | 4,785                           | 19,100                             | 5.00                         | .38                             | 328                      |
| T2SN-8-REEL  | 1/2                  | .875               | 3,990                           | 16,000                             | 7.00                         | .48                             | 328                      |
| T2SN-12-REEL | 3/4                  | 1.187              | 3,120                           | 12,500                             | 9.50                         | .61                             | 164                      |
| T2SN-16-REEL | 1                    | 1.500              | 2,390                           | 9,500                              | 12.00                        | .95                             | 164                      |



**MEDIUM PRESSURE HOSE**



**S.A.E. 100R1 TYPE AT EN853 1SN**

ONE WIRE BRAID (NON SKIVE)  
COVER IS NOT REMOVED

For medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**  
One ply of steel wire braid.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Oil, weather and flame-resistant M.S.H.A. Approved synthetic rubber cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C
- **PACKAGING:** For reel lengths and carton quantities see below.
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
SC900 Bite-To-The-Wire (Page 77 - 78)  
SRT100 Reusable (Page 82)

| PART No.   | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Approx. Wgt. / Ft. (LBS.) | Reel Lengths (FT.) |
|------------|-------------------|-----------------|---------------------------|------------------------------|------------------------|---------------------------|--------------------|
| T1-4-REEL  | 1/4               | .531            | 3,263                     | 13,000                       | 4.00                   | .17                       | 300                |
| T1-6-REEL  | 3/8               | .687            | 2,610                     | 10,400                       | 5.00                   | .26                       | 300                |
| T1-8-REEL  | 1/2               | .812            | 2,320                     | 9,300                        | 7.00                   | .31                       | 300                |
| T1-12-REEL | 3/4               | 1.093           | 1,523                     | 6,100                        | 9.50                   | .47                       | 250                |

**HIGH PRESSURE HOSE**



**S.A.E. 100R2 TYPE AT EN853 2SN**

TWO WIRE BRAID (NON SKIVE)  
COVER IS NOT REMOVED

For high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels, lubricating oils and water. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**  
Two Plies of Steel Wire Braid.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Oil, weather and flame-resistant black synthetic rubber cover
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C
- **PACKAGING:** For reel lengths and carton quantities see below.
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
SC900 Bite-To-The-Wire (Page 77 - 78)  
SRT200 Reusable (Page 82)

| PART No.   | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Approx. Wgt. / Ft. (LBS.) | Reel Lengths (FT.) |
|------------|-------------------|-----------------|---------------------------|------------------------------|------------------------|---------------------------|--------------------|
| T2-4-REEL  | 1/4               | .593            | 5,800                     | 23,200                       | 4.00                   | .26                       | 300                |
| T2-5-REEL  | 5/16              | .650            | 5,075                     | 20,300                       | 4.50                   | .27                       | 300                |
| T2-6-REEL  | 3/8               | .750            | 4,785                     | 19,100                       | 5.00                   | .38                       | 300                |
| T2-8-REEL  | 1/2               | .875            | 3,988                     | 15,900                       | 7.00                   | .48                       | 300                |
| T2-10-REEL | 5/8               | 1.000           | 3,625                     | 14,500                       | 8.00                   | .50                       | 250                |
| T2-12-REEL | 3/4               | 1.187           | 3,118                     | 12,500                       | 9.50                   | .61                       | 250                |
| T2-16-REEL | 1                 | 1.500           | 2,393                     | 9,500                        | 12.00                  | .95                       | 150                |
| T2-20-CTN  | 1-1/4             | 1.902           | 1,813                     | 6,200                        | 16.50                  | 1.38                      | 130                |



## SUCTION HOSE



Meets or Exceeds  
Performance Characteristics

### S.A.E. 100R4

TWO TEXTILE SPIRAL PLIES  
WITH WIRE HELIX  
(NON SKIVE)  
COVER IS NOT REMOVED

For hydraulic suction (29 Inch/hg) and low pressure hydraulic return lines. Will handle petroleum based hydraulic fluids, diesel fuels, water and lubricating oils. Wire helix prevents collapsing under vacuum service. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**  
Two textile spiral plies with wire helix.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **MSHA Approved**
- **COVER:** Oil, weather and abrasion-resistant synthetic rubber cover.
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +250°F, -40°C to +121°C
- **PACKAGING:** 50 FT. and 100 FT. Coils
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
(Up to 1-1/4 Size)  
S1100 and SO1100 Steel Hose Inserts (Page 84)  
Steel Combination Nipples and Hose Menders (Page 70)

| PART No.   | Actual I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Vacuum Service (IN./HG) | Approx. Wgt. / Ft. (LBS.) | Coil Length (FT.) |
|------------|-------------------|-----------------|---------------------------|------------------------------|------------------------|-------------------------|---------------------------|-------------------|
| HR4-12-100 | 3/4               | 1.160           | 300                       | 1,200                        | 4.90                   | 29                      | .60                       | 100               |
| HR4-16-100 | 1                 | 1.480           | 250                       | 1,000                        | 5.90                   | 29                      | .70                       | 100               |
| HR4-20-100 | 1-1/4             | 1.770           | 200                       | 800                          | 7.87                   | 29                      | .90                       | 100               |
| HR4-24-100 | 1-1/2             | 2.050           | 150                       | 600                          | 10.00                  | 29                      | 1.20                      | 100               |
| HR4-32-100 | 2                 | 2.500           | 100                       | 400                          | 11.80                  | 29                      | 1.50                      | 100               |

## WETLINE KITS

A Wet Line Kit uses a hydraulic pump installed on a trailer to power anything with a hydraulic motor, such as a boom or crane, or the hydraulics on a dump truck. The Wet Line Kit is attached to the truck's PTO (Power Take Off) and transfers an engine's mechanical power to another piece of equipment.

### CUSTOM KITS AVAILABLE



HYDRAULIC ASSEMBLIES



RETURN LINES

HYDRAULIC WING Q.D. COUPLERS



HYDRAULIC ADAPTERS



T-BOLT CLAMPS

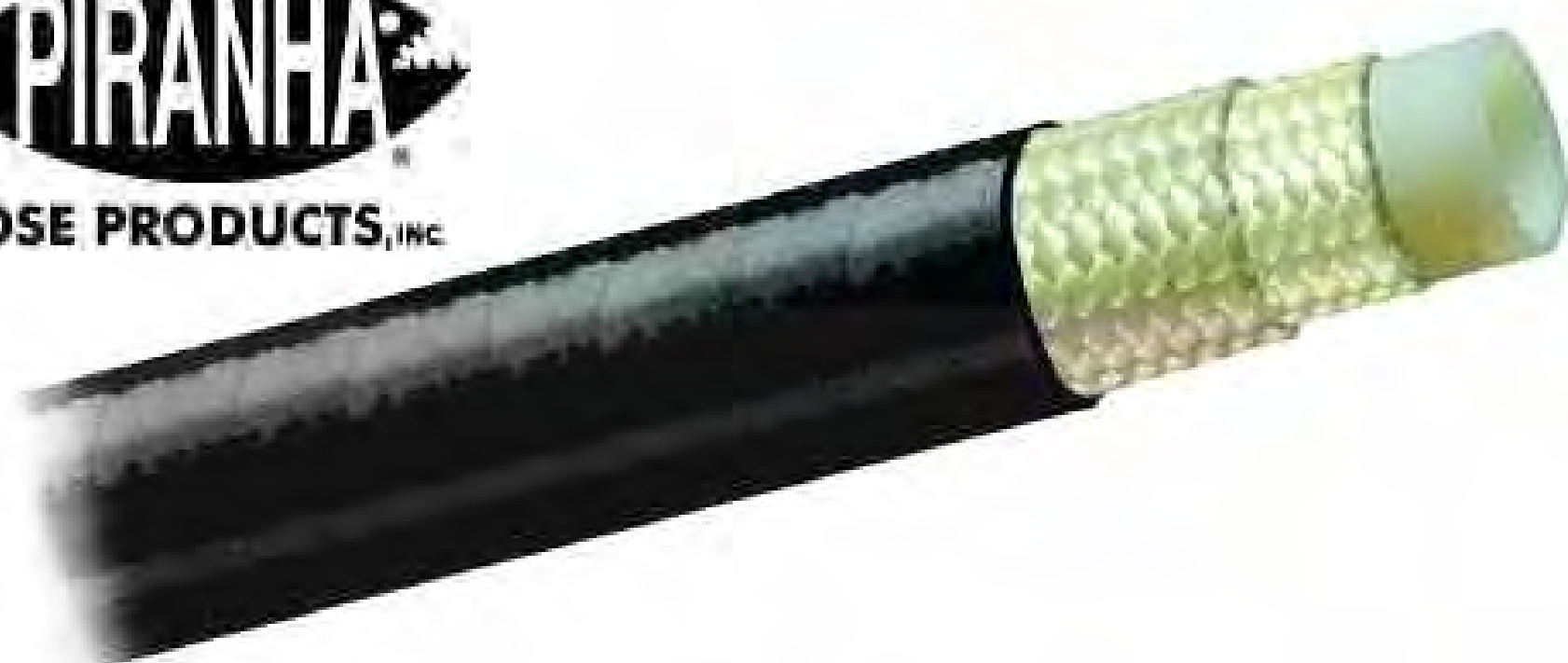


HOSE CONNECTORS





**MEDIUM PRESSURE HOSE**



**S.A.E. 100R7**

Meet or Exceeds S.A.E. J517  
Exceeds 100R7 Impulse Requirements  
Lightweight and Flexible

For medium pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters. This hose combines the best features of conventional rubber hose with the unique advantages of synthetic materials.

**Recommended use:** Handheld grease guns.

- **CONSTRUCTION:** High tensile strength fiber reinforcement braided synthetic fiber.
- **TUBE:** Oil and heat-resistant nylon inner tube.
- **COVER:** Resistant polyurethane, pin pricked cover.
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels
- **COLOR:** Black
- **FITTINGS:** SC700 (for 1/8 & 1/4 sizes Page 84) , SCTP (Page 86)
- \* **S.A.E. WORKING PRESSURES SHOWN**

| PART No.    | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | * Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|-------------|-------------------------|-----------------|-----------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7-2-REEL  | 1/8                     | 0.322           | 3,000                       | 12,000                       | 0.75                   | 3                       | 250                |
| HR7-3-REEL  | 3/16                    | 0.415           | 3,000                       | 12,000                       | 0.75                   | 5                       | 250                |
| HR7-4-REEL  | 1/4                     | 0.496           | 2,750                       | 11,000                       | 1.50                   | 6                       | 250                |
| HR7-5-REEL  | 5/16                    | 0.580           | 2,500                       | 10,000                       | 1.75                   | 8                       | 250                |
| HR7-6-REEL  | 3/8                     | 0.650           | 2,250                       | 9,000                        | 2.00                   | 11                      | 250                |
| HR7-8-REEL  | 1/2                     | 0.834           | 2,000                       | 8,000                        | 3.00                   | 16                      | 250                |
| HR7-12-REEL | 3/4                     | 1.050           | 1,250                       | 5,000                        | 6.00                   | 22                      | 250                |

• **LOW TEMPERATURE AVAILABLE ON REQUEST:** -65°F to +200°F, -54°C to +93°C

| PART No.     | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | * Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|--------------|-------------------------|-----------------|-----------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7LT-4-REEL | 1/4                     | 0.496           | 2,750                       | 11,000                       | 1.50                   | 6                       | 250                |
| HR7LT-6-REEL | 3/8                     | 0.650           | 2,250                       | 9,000                        | 2.00                   | 11                      | 250                |
| HR7LT-8-REEL | 1/2                     | 0.834           | 2,000                       | 8,000                        | 3.00                   | 16                      | 250                |

**TWIN-LINE MEDIUM PRESSURE HOSE**



**S.A.E. 100R7**

Meets or Exceeds S.A.E. J517  
Specifications

**FEATURES:** Low Elongation • Best Value 100R7 Hose

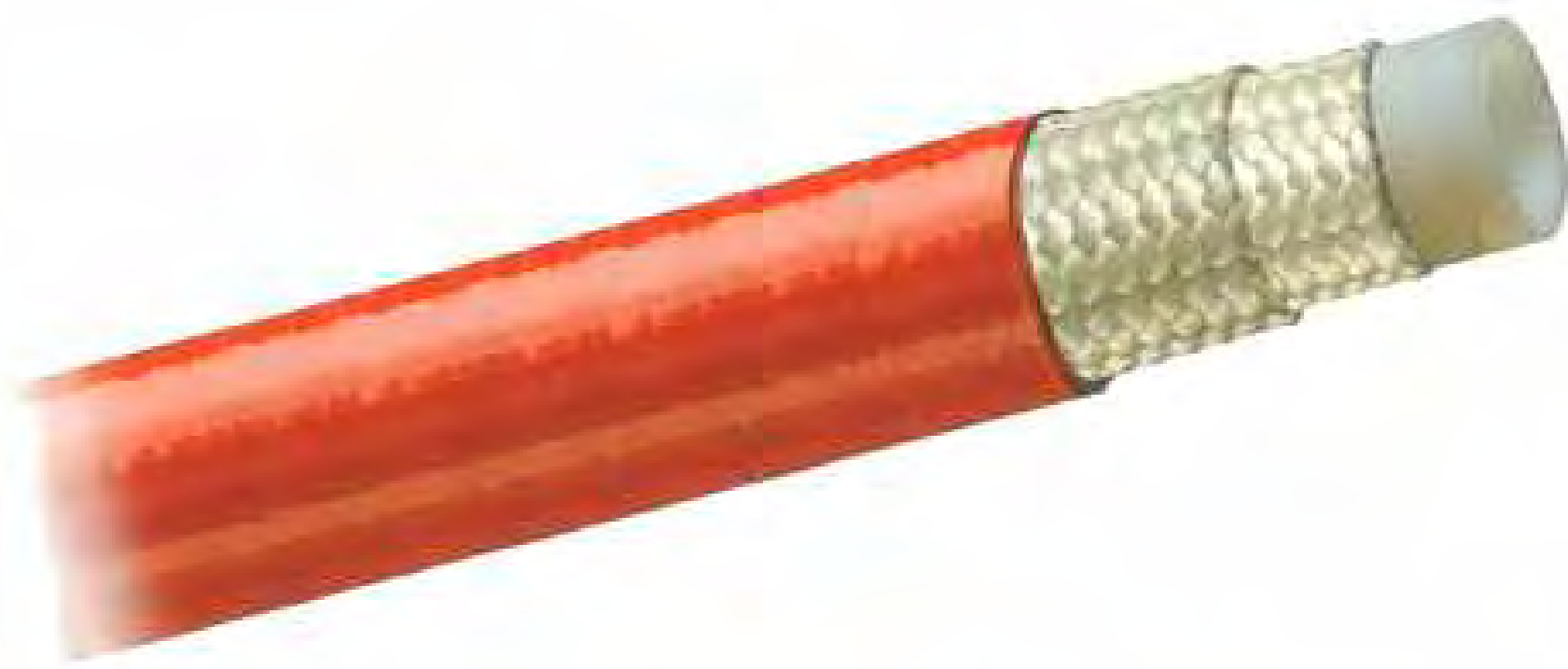
**TYPICAL APPLICATIONS:** For use with General Hydraulics • Material Handling • Forklift • Chemical Transfer

- **CONSTRUCTION:** Braided synthetic fiber reinforcement
- **TUBE:** Nylon-lined core tube
- **COVER:** Resistant polyurethane, pin pricked cover.
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C for petroleum based hydraulic fluids.
- **PACKAGING:** Reels
- **COLOR:** Black
- **FITTINGS:** SC700 (for 1/4 size Page 84) , SCTP (Page 86)

| PART No.     | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | Min. Bend Radius (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Approx. Wgt./Ft. (LBS.) | Reel Length (FT.) |
|--------------|-------------------------|-----------------|------------------------|---------------------------|------------------------------|-------------------------|-------------------|
| HR7TW-4-REEL | 1/4                     | .496            | 1-1/2                  | 2,750                     | 11,000                       | .06                     | 250               |
| HR7TW-6-REEL | 3/8                     | .650            | 2                      | 2,250                     | 9,000                        | .11                     | 250               |
| HR7TW-8-REEL | 1/2                     | .834            | 3                      | 2,000                     | 8,000                        | .16                     | 200               |



## MEDIUM PRESSURE (Non-Conductive) HOSE



### S.A.E. 100R7

Meet or Exceeds SAE J517  
Exceeds 100R7 Impulse Requirements  
Lightweight and Flexible

For medium pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters. This hose combines the best features of conventional rubber hose with the unique advantages of synthetic materials.

- **CONSTRUCTION:** High tensile strength fiber reinforcement Braided Synthetic fiber.
- **TUBE:** Oil and heat-resistant nylon inner tube.
- **COVER:** Resistant polyurethane non-pin pricked cover
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels
- **COLOR:** Orange, NON-CONDUCTIVE Marking
- **FITTINGS:** SC700 (for 1/4 size Page 84) , SCTP (Page 86)
- \* **S.A.E. WORKING PRESSURES SHOWN**

| PART No.      | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|---------------|-------------------------|-----------------|---------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7-2ORA-REEL | 1/8                     | 0.322           | 3000                      | 12,000                       | 0.75                   | 3                       | 250                |
| HR7-4ORA-REEL | 1/4                     | 0.496           | 2750                      | 11,000                       | 1.50                   | 6                       | 250                |
| HR7-5ORA-REEL | 5/16                    | 0.580           | 2500                      | 10,000                       | 1.75                   | 8                       | 250                |
| HR7-6ORA-REEL | 3/8                     | 0.650           | 2250                      | 9,000                        | 2.00                   | 11                      | 250                |
| HR7-8ORA-REEL | 1/2                     | 0.834           | 2000                      | 8,000                        | 3.00                   | 16                      | 250                |

## MEDIUM PRESSURE TWIN-LINE (Non-Conductive) HOSE



### S.A.E. 100R7

Meets or Exceeds S.A.E. J517 Specifications

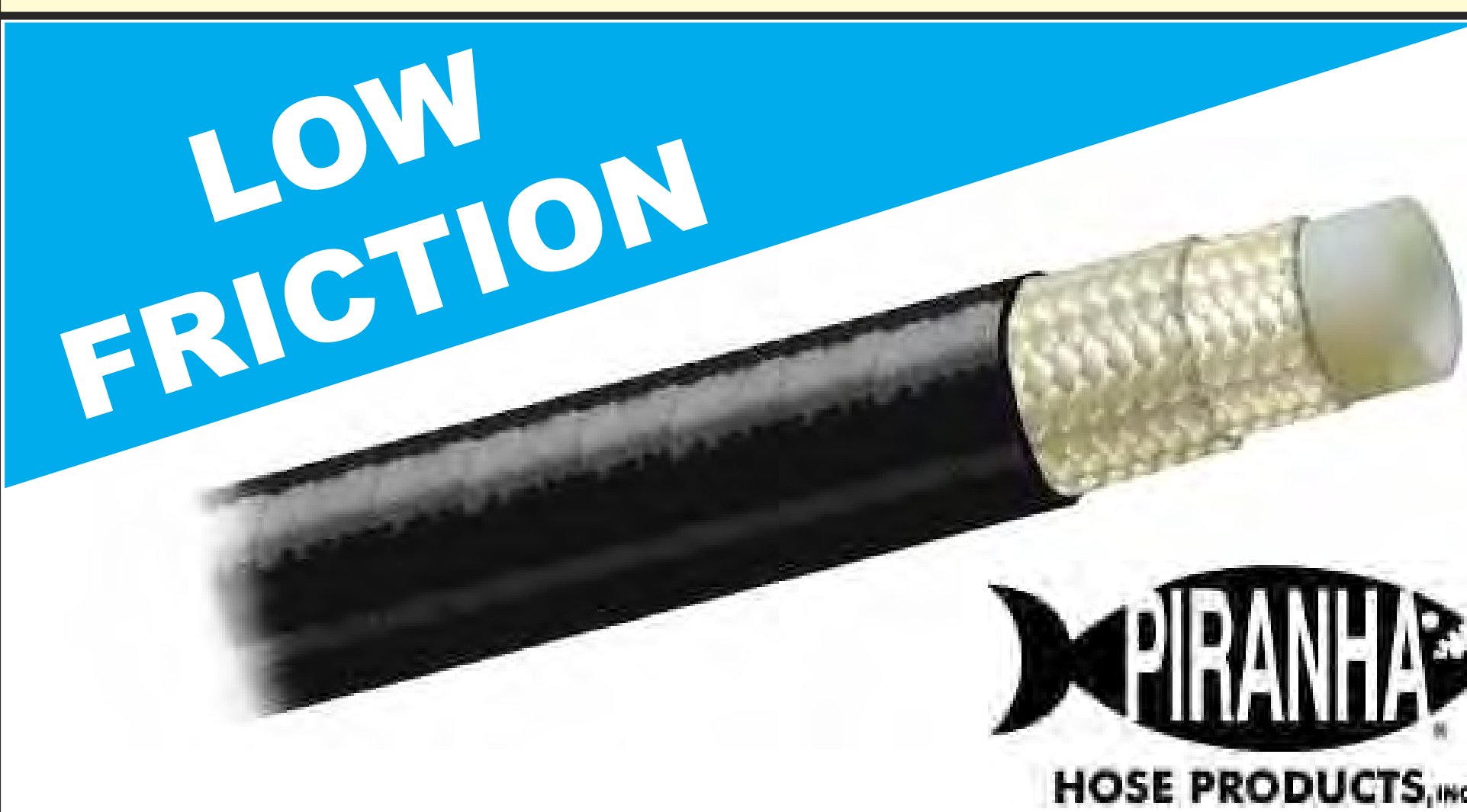
**FEATURES:** • Low Elongation • Best Value 100R7 Hose  
**TYPICAL APPLICATIONS:** For use with General Hydraulics • Material Handling • Forklift • High Pressure Gas Transfer • Chemical Transfer

- **CONSTRUCTION:** Braided synthetic fiber reinforcement
- **TUBE:** Nylon-lined core tube
- **COVER:** Resistant polyurethane non-pin pricked cover
- **COLOR:** Orange, NON-CONDUCTIVE marking
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **FITTINGS:** SCTP (Page 86)

| PART No.        | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | Min. Bend Radius (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Approx. Wgt./Ft. (LBS.) | Reel Length (FT.) |
|-----------------|-------------------------|-----------------|------------------------|---------------------------|------------------------------|-------------------------|-------------------|
| HR7TW-6ORA-REEL | 3/8                     | .650            | 2                      | 2,250                     | 9,000                        | .130                    | 250               |



**MEDIUM PRESSURE HOSE - (PLUS COVER)**



**S.A.E. 100R7**

Meet or Exceeds S.A.E. J517  
Exceeds 100R7 Impulse Requirements  
Lightweight and Flexible

Tested at 1/2 bend radius  
under SAE Standards

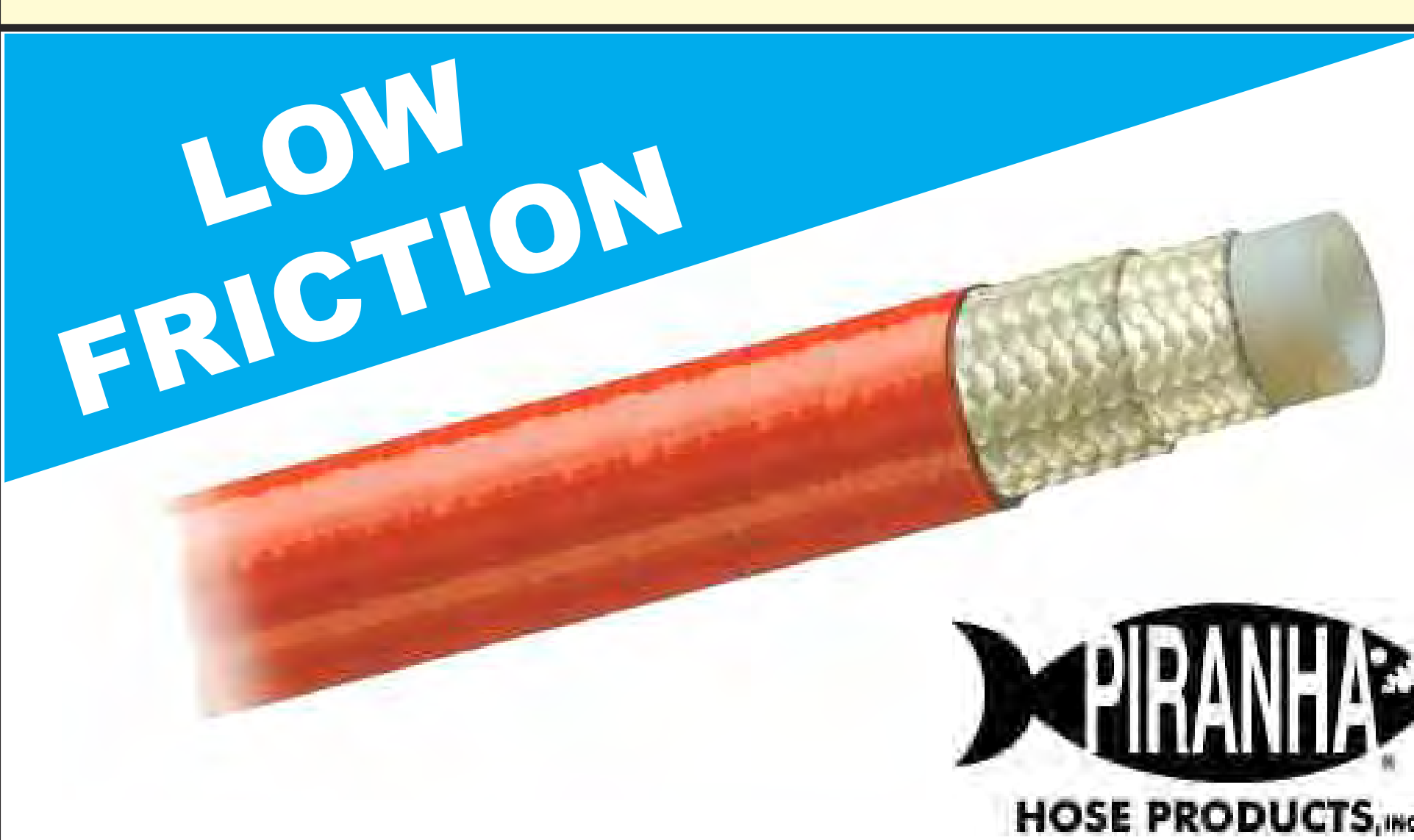
Special low friction polyurethane for medium pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters. This hose has special low friction cover that eliminates hose routing problems between hose sheaves and pulleys with Fork Lift applications.

- **CONSTRUCTION:** High tensile strength fiber reinforcement braided synthetic fiber.
- **TUBE:** Seamless nylon inner tube.
- **COVER:** Resistant polyurethane, pin pricked cover.
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels
- **COLOR:** Black
- **FITTINGS:** SC700 (for 1/4 size Page 84), SCTP (Page 86)
- \* **S.A.E. WORKING PRESSURES SHOWN**

3/4" AND 1" I.D. AVAILABLE ON REQUEST

| PART No.    | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | * Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|-------------|-------------------------|-----------------|-----------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7P-4-REEL | 1/4                     | 0.496           | 2,750                       | 11,000                       | 1.50                   | 6                       | 250                |
| HR7P-6-REEL | 3/8                     | 0.650           | 2,250                       | 9,000                        | 2.00                   | 11                      | 250                |
| HR7P-8-REEL | 1/2                     | 0.834           | 2,000                       | 8,000                        | 3.00                   | 16                      | 250                |

**MEDIUM PRESSURE HOSE (PLUS COVER Non-Conductive)**



**S.A.E. 100R7**

Meet or Exceeds SAE J517  
Exceeds 100R7 Impulse Requirements  
Lightweight and Flexible

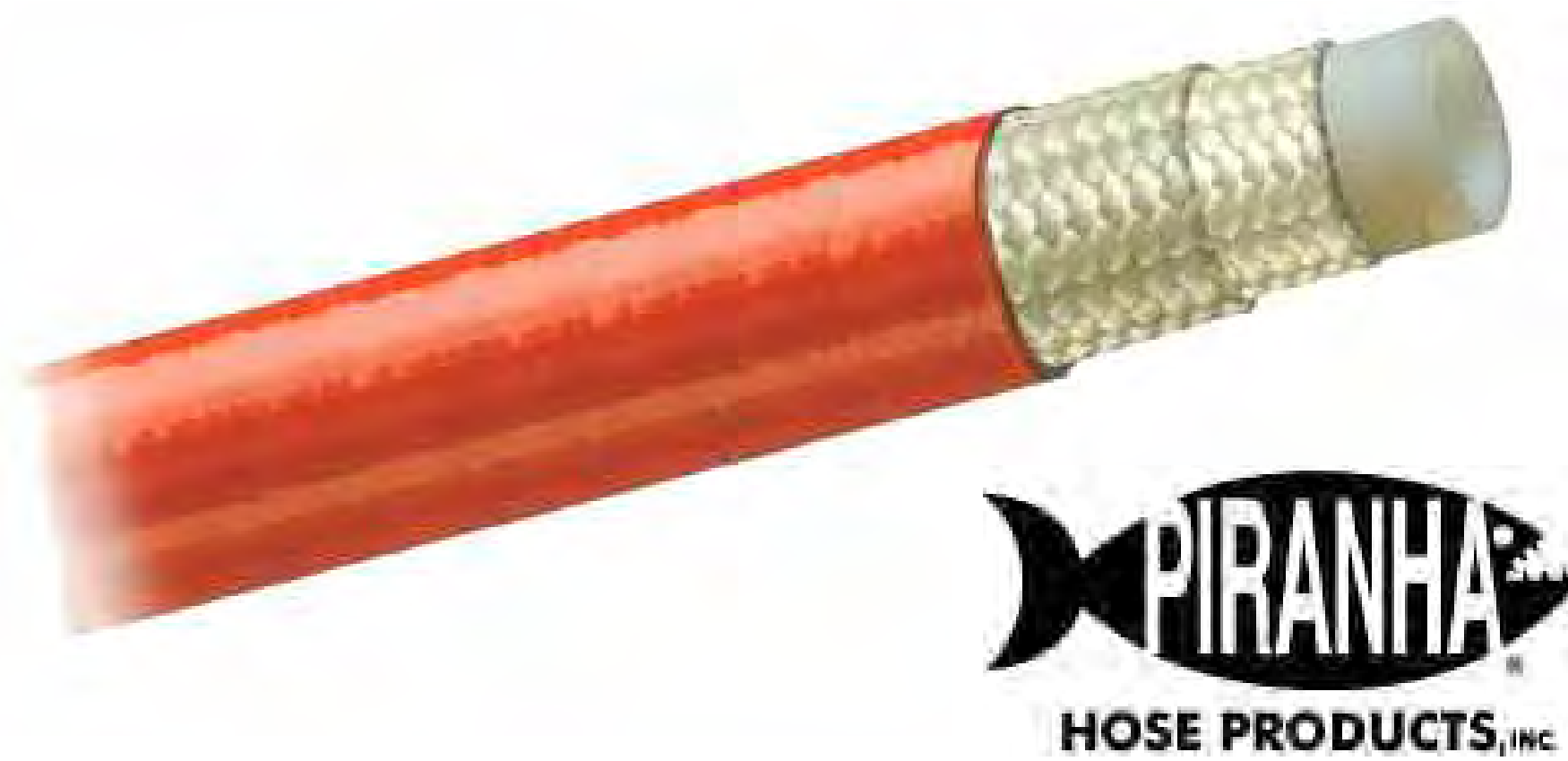
Special low friction polyurethane for medium pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters. This hose has special low friction cover that eliminates hose routing problems between hose sheaves and pulleys with Fork Lift applications.

- **CONSTRUCTION:** High tensile strength fiber reinforcement braided synthetic fiber.
- **TUBE:** Seamless nylon inner tube.
- **COVER:** Resistant polyurethane non-pin pricked cover
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels
- **COLOR:** Orange, NON-CONDUCTIVE Marking
- **FITTINGS:** SC700 (for 1/4 size Page 84), SCTP Page 86
- \* **S.A.E. WORKING PRESSURES SHOWN**

| PART No.       | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|----------------|-------------------------|-----------------|---------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7P-4ORA-REEL | 1/4                     | 0.496           | 2,750                     | 11,000                       | 1.50                   | 6                       | 250                |
| HR7P-6ORA-REEL | 3/8                     | 0.650           | 2,250                     | 9,000                        | 2.00                   | 11                      | 250                |
| HR7P-8ORA-REEL | 1/2                     | 0.834           | 2,000                     | 8,000                        | 3.00                   | 16                      | 250                |



## MEDIUM PRESSURE HOSE (ANSI 92.2 Compliant)



### S.A.E. 100R7

Meet or Exceeds SAE J517  
Exceeds 100R7 Impulse Requirements  
Lightweight and Flexible  
Complies with ANSI 92.2 for vehicle mounted aerial devices.

Orange non-conductive (REACH compliant), polyurethane for medium pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters. This hose combines the best features of conventional rubber hose with the unique advantages of synthetic materials. Non-pin pricked cover available on request.

- **CONSTRUCTION:** High tensile strength fiber reinforcement braided synthetic fiber.
- **TUBE:** Oil and heat-resistant nylon inner tube.
- **COVER:** Resistant polyurethane non-pin pricked cover
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels
- **COLOR:** Orange, NON-CONDUCTIVE Marking
- **FITTINGS:** SC700 (for 1/4 size Page 84), SCTP (Page 86)
- \* **S.A.E. WORKING PRESSURES SHOWN**

| PART No.        | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|-----------------|-------------------------|-----------------|---------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7AN-4ORA-REEL | 1/4                     | 0.496           | 2750                      | 11,000                       | 1.50                   | 6                       | 250                |
| HR7AN-6ORA-REEL | 3/8                     | 0.650           | 2250                      | 9,000                        | 2.00                   | 11                      | 250                |
| HR7AN-8ORA-REEL | 1/2                     | 0.834           | 2000                      | 8,000                        | 3.00                   | 16                      | 250                |

## MEDIUM PRESSURE HOSE (Improved Kink Resistance)

**KINK RESISTANT**



### S.A.E. 100R7

Meet or Exceeds S.A.E. J517  
Exceeds 100R7 Impulse Requirements  
Lightweight and Flexible

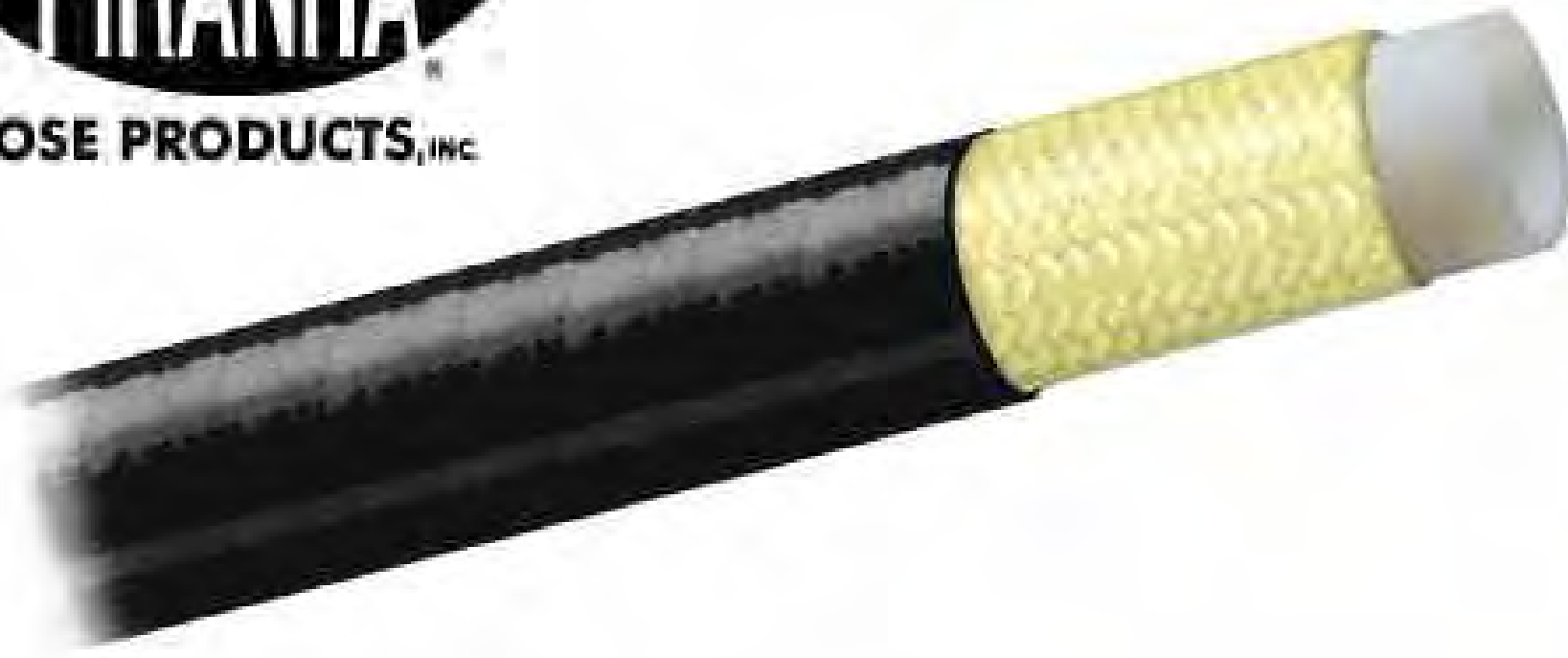
Improved kink resistance, polyurethane pin pricked cover for medium pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters. This hose has improved flexural rigidity up to 16% less force to bend and improved kink resistance, up to 53% more force required to reach kink initiation versus competitive 100R7 type hoses

- **CONSTRUCTION:** Braided high tensile strength fiber reinforcement
- **TUBE:** Polyester inner tube.
- **COVER:** Resistant polyurethane, pin pricked cover.
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Reels
- **COLOR:** Black
- **FITTINGS:** SC700 (for 3/16 & 1/4 sizes Page 84), SCTP (Page 86)
- \* **S.A.E. WORKING PRESSURES SHOWN**

| PART No.     | Nominal Hose I.D. (IN.) | Hose O.D. (IN.) | * Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Weight / 100 Ft. (LBS.) | Reel Lengths (FT.) |
|--------------|-------------------------|-----------------|-----------------------------|------------------------------|------------------------|-------------------------|--------------------|
| HR7R-3-REEL  | 3/16                    | 0.415           | 3,000                       | 12,000                       | 0.75                   | 5                       | 250                |
| HR7R-4-REEL  | 1/4                     | 0.496           | 2,750                       | 11,000                       | 1.50                   | 7                       | 250                |
| HR7R-5-REEL  | 5/16                    | 0.580           | 2,500                       | 10,000                       | 1.75                   | 9                       | 250                |
| HR7R-6-REEL  | 3/8                     | 0.650           | 2,250                       | 9,000                        | 2.00                   | 12                      | 250                |
| HR7R-8-REEL  | 1/2                     | 0.834           | 2,000                       | 8,000                        | 3.00                   | 17                      | 250                |
| HR7R-12-REEL | 3/4                     | 1.050           | 1,250                       | 5,000                        | 6.00                   | 24                      | 250                |



**HR8 HIGH PRESSURE HOSE**



Meets or exceeds **S.A.E. 100R8** Specifications

Extremely Durable  
Highly Abrasion Resistant

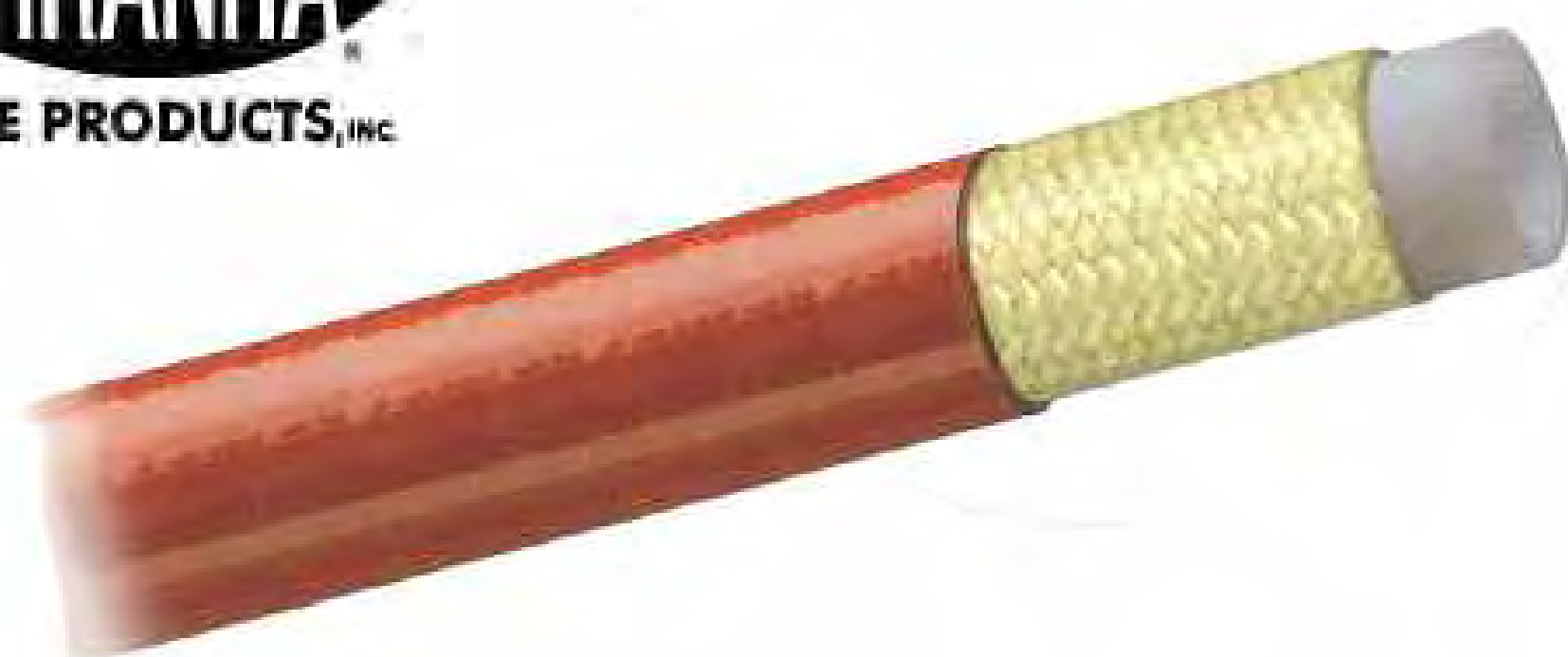
**FEATURES:** Meets or exceeds SAE 100R8 impulse requirements, good kink resistance, lightweight; less than about half of comparable rubber wire hose. Highly abrasion resistant outer cover, the inner tube will not chip or peel in service.

**TYPICAL APPLICATIONS:** Ideal for use in applications where a non-conductive high pressure hydraulic hose is required; industrial hydraulic construction, material handling, agricultural equipment, hydraulic tools, lubrication lines and hydraulic lifts.

- **CONSTRUCTION:** Aramid fiber reinforcement
- **TUBE:** Seamless polyester inner tube
- **COVER:** Highly abrasion resistant polyurethane pinpricked cover
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **FITTINGS:** SCTP (Page 86)

| PART No.    | Nominal I.D. (IN.) | Hose O.D. (IN.) | Min. Bend Radius (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Approx. Wgt./Ft. (LBS.) | Reel Length (FT.) |
|-------------|--------------------|-----------------|------------------------|---------------------------|------------------------------|-------------------------|-------------------|
| HR8-4-REEL  | 1/4                | .485            | 2                      | 5,000                     | 20,000                       | .070                    | 250               |
| HR8-6-REEL  | 3/8                | .630            | 2-1/2                  | 4,000                     | 16,000                       | .100                    | 250               |
| HR8-8-REEL  | 1/2                | .820            | 3-1/2                  | 3,500                     | 14,000                       | .170                    | 250               |
| HR8-12-REEL | 3/4                | 1.050           | 4-1/2                  | 2,250                     | 9,000                        | .200                    | 250               |

**HR8 NON-CONDUCTIVE HIGH PRESSURE HOSE**



Meets or exceeds **S.A.E. 100R8** Specifications

**FEATURES:** Meets or exceeds SAE 100R8 impulse requirements, good kink resistance, lightweight; less than about half of comparable rubber wire hose. Highly abrasion resistant outer cover, the inner tube will not chip or peel in service.

**TYPICAL APPLICATIONS:** Ideal for use in applications where a non-conductive high pressure hydraulic hose is required; industrial hydraulic construction, material handling, agricultural equipment, hydraulic tools, lubrication lines and hydraulic lifts.

- **CONSTRUCTION:** Aramid fiber reinforcement
- **TUBE:** Extruded seamless polyester inner tube
- **COVER:** Highly abrasion resistant polyurethane non-pinpricked cover
- **COLOR:** Orange, NON-CONDUCTIVE marking
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **FITTINGS:** SCTP (Page 86)

| PART No.      | Nominal I.D. (IN.) | Hose O.D. (IN.) | Min. Bend Radius (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Approx. Wgt./Ft. (LBS.) | Reel Length (FT.) |
|---------------|--------------------|-----------------|------------------------|---------------------------|------------------------------|-------------------------|-------------------|
| HR8-4ORA-REEL | 1/4                | .485            | 2                      | 5,000                     | 20,000                       | .070                    | 250               |
| HR8-6ORA-REEL | 3/8                | .630            | 2-1/2                  | 4,000                     | 16,000                       | .100                    | 250               |
| HR8-8ORA-REEL | 1/2                | .820            | 3-1/2                  | 3,500                     | 14,000                       | .170                    | 250               |



**HR8TW TWIN-LINE NON-CONDUCTIVE HIGH PRESSURE HOSE**



Meets **S.A.E. 100R8**  
Specifications  
Lightweight and  
Extremely durable.

**FEATURES:** Meets or exceeds SAE 100R8 impulse requirements, good kink resistance, lightweight; less than about half of comparable rubber wire hose. Highly abrasion resistant outer cover, the inner tube will not chip or peel in service.

- Long Life for Impulse Cycling and Flexing • UV Resistant Cover

**TYPICAL APPLICATIONS:** Ideal for use in applications where a non-conductive high pressure hydraulic twin-line hose is required; industrial hydraulic construction, material handling, agricultural equipment, hydraulic tools, lubrication lines and hydraulic lifts.

- **CONSTRUCTION:** Aramid fiber reinforcement
- **TUBE:** Extruded seamless polyester inner tube
- **COVER:** Highly abrasion resistant polyurethane non-pin pricked cover
- **COLOR:** Orange, NON-CONDUCTIVE marking
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **FITTINGS:** SCTP (Page 86)

Other Sizes Available on Request

| PART No.        | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Min. Bend<br>Radius<br>(IN.) | Working<br>Pressure<br>(P.S.I) | Min. Burst<br>Pressure<br>(P.S.I.) | Approx.<br>Wgt./Ft.<br>(LBS.) | Reel<br>Length<br>(FT.) |
|-----------------|----------------------|--------------------|------------------------------|--------------------------------|------------------------------------|-------------------------------|-------------------------|
| HR8TW-6ORA-REEL | 3/8                  | .630               | 2-1/2                        | 4,000                          | 16,000                             | .100                          | 250                     |

**HR18 CONSTANT PRESSURE HOSE**



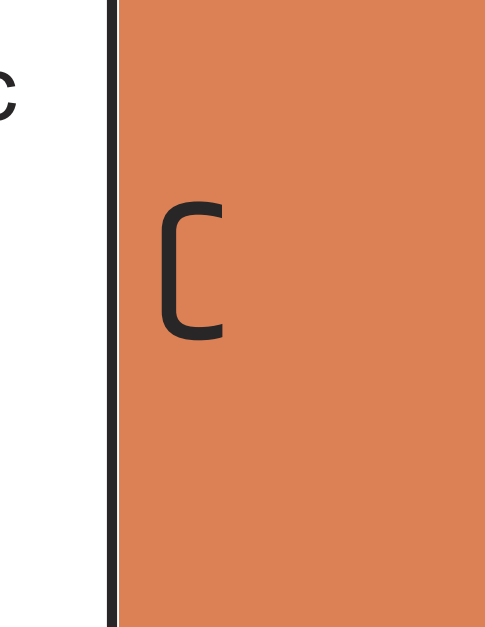
**S.A.E. 100R18**  
Meets or Exceeds S.A.E. J517  
Specifications

**FEATURES:** Exceeds 100R18 Impulse requirements • Lightweight and Flexible • Ideal for general hydraulic service.

**TYPICAL APPLICATIONS:** General purpose high pressure hydraulic applications • industrial Hydraulic • Construction • Material Handling • Agricultural Equipment • Hydraulic Tools • Lubrication Lines and Man Lifts

- **CONSTRUCTION:** Braided synthetic fiber reinforcement
- **TUBE:** Seamless polyester inner tube
- **COVER:** Abrasion resistant polyurethane cover
- **COLOR:** Black
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C, Petroleum-based hydraulic fluids
- **TEMPERATURE:** -40°F to +140°F, -40°C to +60°C, with water-based or fire resistant fluids
- **FITTINGS:** SCTP (Page 86)

| PART No.    | Nominal<br>Hose I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Min. Bend<br>Radius<br>(IN.) | Working<br>Pressure<br>(P.S.I) | Min. Burst<br>Pressure<br>(P.S.I.) | Approx.<br>Wgt./Ft.<br>(LBS.) | Reel<br>Length<br>(FT.) |
|-------------|-------------------------------|--------------------|------------------------------|--------------------------------|------------------------------------|-------------------------------|-------------------------|
| HR18-4-REEL | 1/4                           | .496               | 1-1/2                        | 3,000                          | 12,000                             | .064                          | 250                     |
| HR18-6-REEL | 3/8                           | .650               | 2                            | 3,000                          | 12,000                             | .110                          | 250                     |
| HR18-8-REEL | 1/2                           | .834               | 3                            | 3,000                          | 12,000                             | .160                          | 250                     |





**HIGH PRESSURE HOSE**



For very high pressure hydraulic service in the handling of most hydraulic fluids, diesel fuels, water and lubricating oils. Not suitable for use with phosphate esters.

- **CONSTRUCTION:**  
Four spirals of high tensile steel wire.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube.
- **COVER:** Oil, weather and flame-resistant M.S.H.A. Approved synthetic rubber cover.
- **TEMPERATURE:** -40°F to +200°F, -40°C to +93°C
- **PACKAGING:** Coils
- **FITTINGS:** SCT900MS (Non-Skive) Bite-To-The-Wire (Page 79)
- \* **S.A.E. WORKING PRESSURES SHOWN**

**S.A.E. 100R12  
EN856 4SN**

FOUR SPIRAL WIRE  
(NON SKIVE / SKIVE)

- **LOW TEMPERATURE:** -67°F to +200°F, -55°C to +93°C Available change prefix to HRA12LT-. Minimum runs apply.

| PART No. | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | * Working<br>Pressure<br>(P.S.I.) | Min. Burst<br>Pressure<br>(P.S.I.) | Min. Bend<br>Radius<br>(IN.) | Approx.<br>Wgt. / Ft.<br>(LBS.) | Coil<br>Lengths<br>(FT.) |
|----------|----------------------|--------------------|-----------------------------------|------------------------------------|------------------------------|---------------------------------|--------------------------|
| HRA12-6  | 3/8                  | .787               | 4,000                             | 16,000                             | 5.00                         | .44                             | 131                      |
| HRA12-8  | 1/2                  | .934               | 4,000                             | 16,000                             | 7.00                         | .56                             | 131                      |
| HRA12-12 | 3/4                  | 1.210              | 4,000                             | 16,000                             | 9.50                         | .89                             | 131                      |
| HRA12-16 | 1                    | 1.495              | 4,000                             | 16,000                             | 12.00                        | 1.30                            | 131                      |
| HRA12-20 | 1-1/4                | 1.850              | 3,000                             | 12,000                             | 16.50                        | 1.79                            | 131                      |

**HIGH PRESSURE HOSE**



For hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels lubricating oils and water. Not suitable with phosphate esters.

- **CONSTRUCTION:**  
Two plies of steel wire braid.
- **TUBE:** Oil and heat-resistant synthetic rubber inner tube
- **COVER:** Oil, weather and flame-resistant synthetic rubber cover. MSHA Approved.
- **COLOUR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C
- **PACKAGING:** For reel lengths see below.
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
SC900 Bite-To-The-Wire (Page 77 - 78)

**EXTREMELY FLEXIBLE  
S.A.E. 100R16 / DIN 2SC**

TWO WIRE BRAID  
(NON SKIVE)  
COVER IS NOT REMOVED

| PART No.    | Actual I.D.<br>(IN.) | Hose O.D.<br>(IN.) | Working<br>Pressure<br>(P.S.I.) | Min. Burst<br>Pressure<br>(P.S.I.) | Min. Bend<br>Radius<br>(IN.) | Approx.<br>Wgt. / Ft.<br>(LBS.) | Reel<br>Lengths<br>(FT.) |
|-------------|----------------------|--------------------|---------------------------------|------------------------------------|------------------------------|---------------------------------|--------------------------|
| HR16-4-REEL | 1/4                  | 0.530              | 5,800                           | 23,200                             | 2                            | 0.18                            | 500                      |
| HR16-6-REEL | 3/8                  | 0.687              | 5,000                           | 20,000                             | 2.5                          | 0.27                            | 400                      |
| HR16-8-REEL | 1/2                  | 0.812              | 4,250                           | 17,000                             | 3.5                          | 0.35                            | 300                      |



**MEDIUM PRESSURE HOSE**



**S.A.E. 100R17**  
(NON-SKIVE)  
COVER IS NOT REMOVED

For medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels lubricating oils and water. Not suitable with phosphate esters.

- **CONSTRUCTION:** One braid of high tensile steel wire reinforcement for 1/4" ID Through to 1/2" ID hose. • Two braids of high tensile steel wire reinforcement for 3/4" ID through to 1" ID hose.
- **TUBE:** Oil and heat resistant synthetic rubber inner tube
- **COVER:** Oil, weather and flame-resistant synthetic rubber cover.
- **COLOUR:** Black
- **TEMPERATURE:** -40°F to +212°F, -40°C to +100°C
- **PACKAGING:** For reel lengths see below.
- **FITTINGS:** SC600 Compression (Page 75 - 76)  
SC900 Bite-To-The-Wire (Page 77 - 78)

| PART No.     | Actual I.D. (IN.) | Nominal Hose O.D. (IN.) | Maximum Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Approx. Wgt. / Ft. (LBS.) | Reel Lengths (FT.) |
|--------------|-------------------|-------------------------|-------------------------|---------------------------|------------------------------|------------------------|---------------------------|--------------------|
| HR17-4-REEL  | 1/4               | 0.480                   | 0.520                   | 3,000                     | 12,000                       | 2.00                   | 0.16                      | 300                |
| HR17-6-REEL  | 3/8               | 0.610                   | 0.670                   | 3,000                     | 12,000                       | 2.50                   | 0.24                      | 300                |
| HR17-8-REEL  | 1/2               | 0.750                   | 0.830                   | 3,000                     | 12,000                       | 3.50                   | 0.29                      | 300                |
| HR17-12-REEL | 3/4               | 1.090                   | 1.190                   | 3,000                     | 12,000                       | 4.75                   | 0.55                      | 250                |

**LOW TEMPERATURE MEDIUM PRESSURE HOSE**



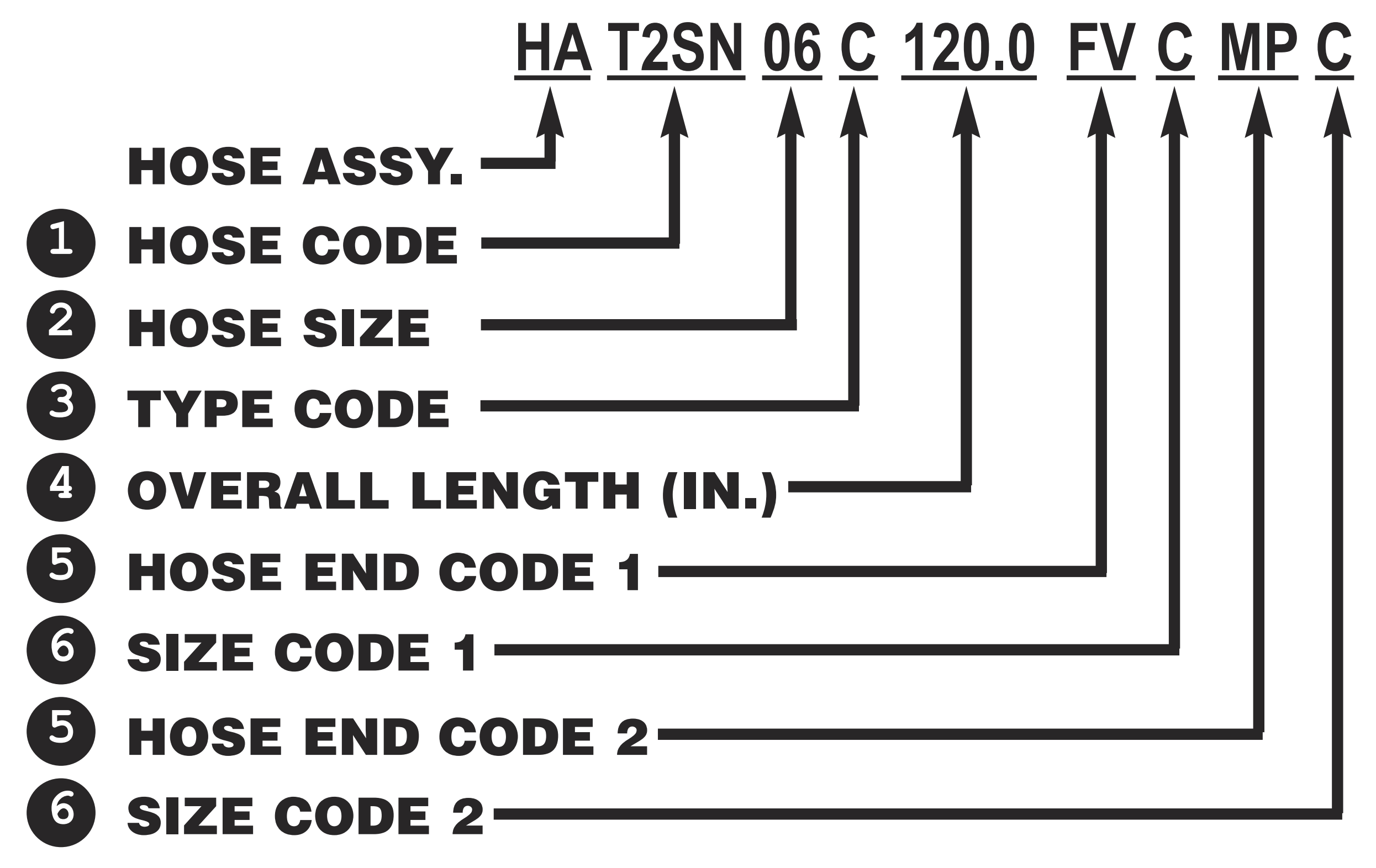
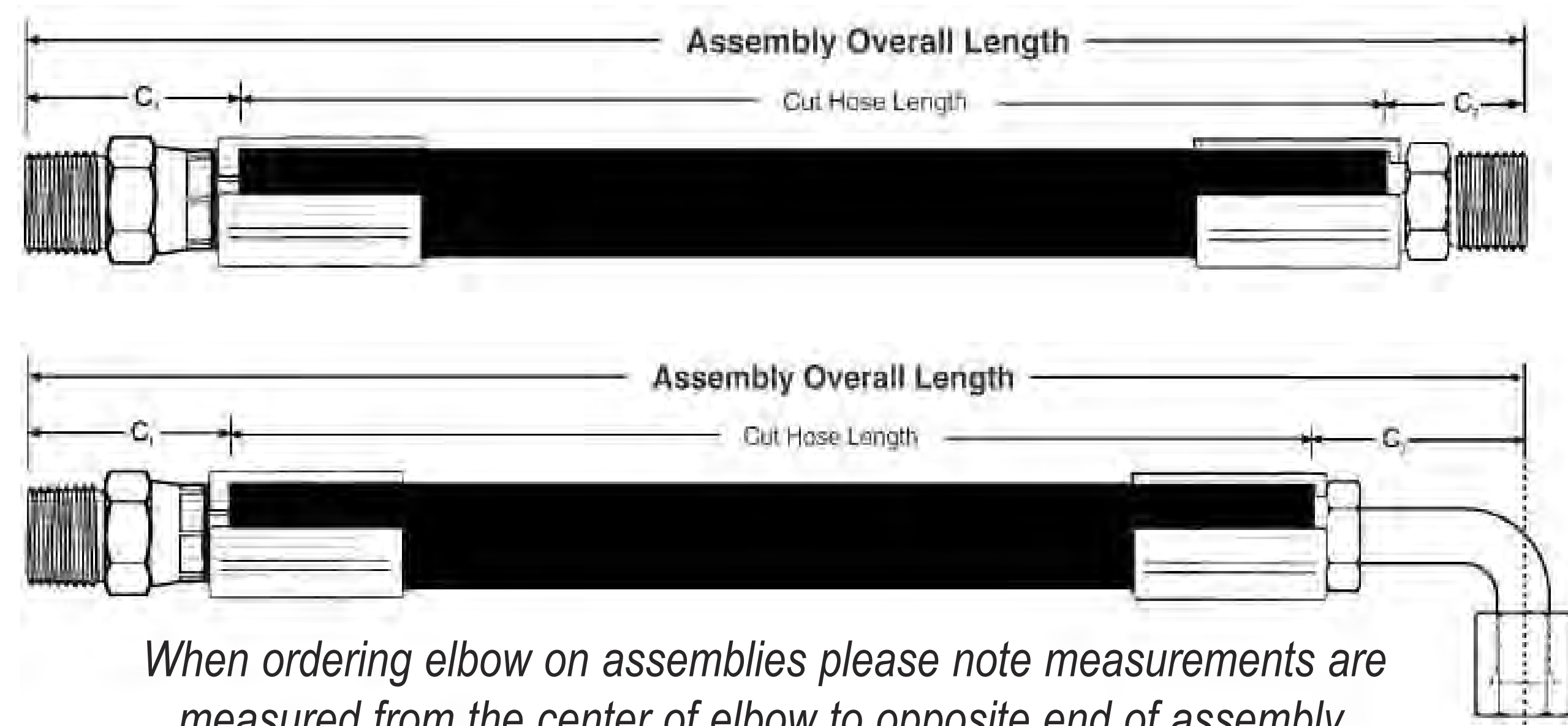
**S.A.E. 100R17**  
(NON-SKIVE)  
COVER IS NOT REMOVED

For Low Temperature medium to high pressure hydraulic service in the handling of most hydraulic fluids, gasoline, diesel fuels lubricating oils and water. Not suitable with phosphate esters.

- **CONSTRUCTION:** One braid of high tensile steel wire reinforcement for 1/4" ID through to 1/2" ID hose. • Two braids of high tensile steel wire reinforcement for 3/4" ID through to 1" ID hose.
- **TUBE:** Oil and heat resistant synthetic rubber inner tube
- **COVER:** Oil, weather and flame-resistant synthetic rubber cover.
- **COLOUR:** Black
- **LOW TEMPERATURE:** -67°F to +212°F, -55°C to +100°C
- **PACKAGING:** For reel lengths see below.
- **FITTINGS:** SC900 Bite-To-The-Wire (Page 77 - 78)  
Fairview Ltd. recommends the use of Bite-To-The-Wire fittings only for our low temperature 100R17 hose.

| PART No.       | Actual I.D. (IN.) | Nominal Hose O.D. (IN.) | Maximum Hose O.D. (IN.) | Working Pressure (P.S.I.) | Min. Burst Pressure (P.S.I.) | Min. Bend Radius (IN.) | Approx. Wgt. / Ft. (LBS.) | Reel Lengths (FT.) |
|----------------|-------------------|-------------------------|-------------------------|---------------------------|------------------------------|------------------------|---------------------------|--------------------|
| HR17LT-4-REEL  | 1/4               | 0.48                    | 0.50                    | 3,000                     | 12,000                       | 2.00                   | 0.16                      | 328                |
| HR17LT-6-REEL  | 3/8               | 0.61                    | 0.63                    | 3,000                     | 12,000                       | 2.50                   | 0.24                      | 328                |
| HR17LT-8-REEL  | 1/2               | 0.75                    | 0.77                    | 3,000                     | 12,000                       | 3.50                   | 0.29                      | 328                |
| HR17LT-10-REEL | 5/8               | 0.94                    | 0.96                    | 3,000                     | 12,000                       | 3.94                   | 0.32                      | 250                |
| HR17LT-12-REEL | 3/4               | 1.09                    | 1.11                    | 3,000                     | 12,000                       | 4.72                   | 0.55                      | 164                |
| HR17LT-16-REEL | 1                 | 1.42                    | 1.44                    | 3,000                     | 12,000                       | 5.90                   | 0.95                      | 164                |





## 1 HOSE CODES

| CODE | HOSE               | CODE | HOSE                        |
|------|--------------------|------|-----------------------------|
| T1SN | S.A.E. 100R1       | HR7R | S.A.E. 100R7 Kink Resistant |
| T1XX | S.A.E. 100R1       | R7LT | 100R7 Low-Temperature       |
| T2SN | S.A.E. 100R2       | R7NC | 100R7 Non-Conductive        |
| T2XX | S.A.E. 100R2       | R7PN | 100R7 Plus Non-Conductive   |
| H4SH | DIN 20023 4SH      | HR8X | S.A.E. 100R8                |
| HR3X | S.A.E. 100R3       | R8NC | 100R8 Non-Conductive        |
| HR4X | S.A.E. 100R4       | HR12 | S.A.E. 100R12               |
| HR5X | S.A.E. 100R5       | HR13 | S.A.E. 100R13               |
| HR5H | 100R5HT High Temp. | HR16 | S.A.E. 100R16               |
| HR7X | S.A.E. 100R7       | HR17 | S.A.E. 100R17               |
| HR7A | S.A.E. 100R7 ANSI  | R17L | 100R17 Low Temp.            |
| HR7P | S.A.E. 100R7 PLUS  | HR18 | S.A.E. 100R18               |

## 2 SIZE CODES

| HOSE SIZE | TUBE   | SIZE CODE |
|-----------|--------|-----------|
| 02        | 1/8"   | A         |
| 03        | 3/16"  | F         |
| 04        | 1/4"   | B         |
| 05        | 5/16"  | G         |
| 06        | 3/8"   | C         |
| 08        | 1/2"   | D         |
| 10        | 5/8"   | I         |
| 12        | 3/4"   | E         |
| 16        | 1"     | H         |
| 20        | 1-1/4" | J         |
| 24        | 1-1/2" | K         |
| 32        | 2"     | M         |

## 3 ASSEMBLY TYPE CODES

| CODE | TYPE          | CODE | TYPE           |
|------|---------------|------|----------------|
| C    | Crimp Ends    | S    | Swage Hose     |
| R    | Reusable Ends | T    | Twin-Line Hose |

## 4 ASSEMBLY OVERALL LENGTH

The overall length of the assembly is measured in Inches including hose ends.

**Example:**  
 2' = 24.00  
 10' = 120.0  
 100' = 1200.

*Must fill all 5 spaces in the Overall Length Code*

### Length Tolerances for Hydraulic Hose Assemblies and Specified Hose Lengths.

| Length                 | Tolerance                                                |
|------------------------|----------------------------------------------------------|
| 0 to and including 36" | ±1/4"                                                    |
| Above 36"              | ±1% of length<br>measured to the nearest 1/8 of an inch. |

## 5 HOSE END CODES

| CODE  | DESCRIPTION                               |
|-------|-------------------------------------------|
| B9    | Female British Parallel 90° Elbow         |
| BF    | Female BSPP Swivel Female Cone            |
| BM    | Female BSPP Swivel Male Cone              |
| FH    | Female Heavy Metric                       |
| H9    | Female Heavy Metric 90° Metric            |
| JS    | Female JIS 30° Flare                      |
| KM    | Female Komatsu 30° Flare                  |
| FL    | Female Light Metric                       |
| L9    | Female Light Metric 90° Elbow             |
| FV    | Female NPSM Swivel                        |
| RS    | Female O-Ring Face Seal                   |
| R5    | Female O-Ring Face Seal 45° Elbow         |
| R9    | Female O-Ring Face Seal 90° Elbow         |
| FP    | Female Pipe                               |
| FJ    | Female Swivel 37° S.A.E.                  |
| J5    | Female Swivel 37° S.A.E. 45° Elbow        |
| J9    | Female Swivel 37° S.A.E. 90° Elbow        |
| JL    | Female Swivel 37° S.A.E. 90° Elbow (Long) |
| FS    | Female Swivel 45° S.A.E.                  |
| S5    | Female Swivel 45° S.A.E. 45° Elbow        |
| S9    | Female Swivel 45° S.A.E. 90° Elbow        |
| <hr/> |                                           |
| C5    | Flange code 61 45° Elbow                  |
| C9    | Flange code 61 90° Elbow                  |
| C1    | Flange code 61 Straight                   |
| D5    | Flange code 62 45° Elbow                  |
| D9    | Flange code 62 90° Elbow                  |
| D2    | Flange code 62 Straight                   |
| <hr/> |                                           |
| TR    | Flareless Tube Repair                     |
| <hr/> |                                           |
| GT    | Grease Tap                                |
| <hr/> |                                           |
| MJ    | Male 37° S.A.E.                           |
| MS    | Male 45° S.A.E.                           |
| BP    | Male British Parallel                     |
| BT    | Male British Tapered                      |
| MH    | Male Heavy Metric                         |
| MI    | Male Inverted Flare                       |
| I5    | Male Inverted Flare 45° Elbow             |
| I9    | Male Inverted Flare 90° Elbow             |
| ML    | Male Light Metric                         |
| MO    | Male O-Ring                               |
| O5    | Male O-Ring Boss 45° Elbow                |
| O9    | Male O-Ring Boss 90° Elbow                |
| RM    | Male O-Ring Face Seal                     |
| SO    | Male O-Ring Boss Swivel                   |
| MP    | Male Pipe                                 |
| SP    | Male Pipe Swivel                          |
| P9    | Male Pipe Swivel 90° Elbow                |
| ST    | Stand Pipe                                |



# U.L. / C.S.A. APPROVED TYPE I PROPANE / NATURAL GAS HOSE ASSEMBLIES

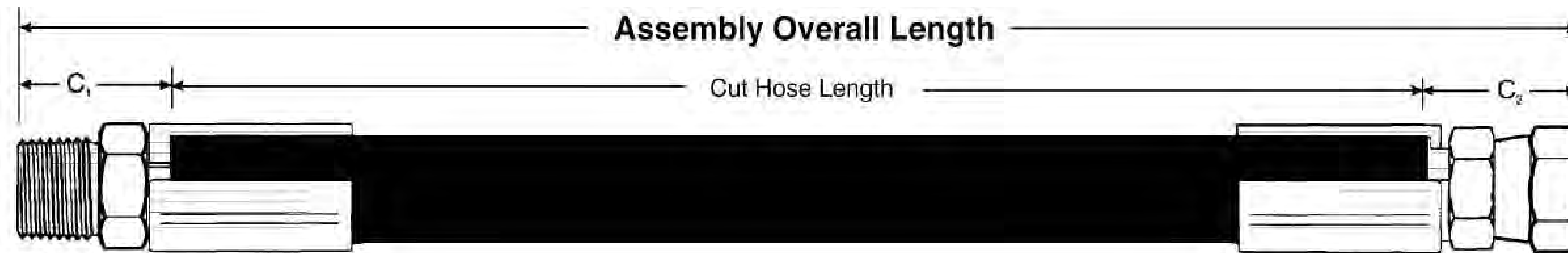


Used To Conduct Natural Gas In A Gaseous State And Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I.

Factory made assemblies are available in a variety of configurations and hose lengths, enter overall length in inches where applicable. Length tolerances for propane hose assemblies and specified hose lengths.

**Length Range:**  
0 up to and including 36"  
Above 36"

**Tolerance**  
±1/4"  
±1% of length measured to the nearest 1/8 of an inch.



### HOSE ASSEMBLY DESCRIPTIONS:

- I4C** Type I 1/4 I.D. Hose Crimp Ends
- I4LTC** Type I (Low Pressure Thermoplastic)
- I4TC** Type I (T = Thermoplastic)
- FC** Female Cylinder Thread
- FJ** Female JIC
- FP** Female Pipe
- FS** Female Swivel SAE Flare Ex: (6 = 3/8)

- FW** Female Welding End
- MC** Male Cylinder Thread
- MI** Male Inverted Flare
- MP** Male Pipe
- POL** POL End
- POLHW** POL End with Hand Wheel
- POLNE** POL End with No Excess Flow
- QDC** Quick Disconnect Coupler End

- QDN** Quick Disconnect Nipple End
- QCC** QCC1 ACME Connection

### SPECIALTY CODES

- GR** Gas Regulator End
- P** Suffix for Packaged Product (Not All Items Available Packaged)

Rubber Temperature Range: -60°F To 212°F (-51°C To 100°C)  
Thermoplastic Temperature Range: -40°F To 140°F (-40°C To 60°C)



**MP**  
MALE PIPE  
THREAD



1/4 & 3/8 I.D.  
ONLY.



**MP**  
MALE PIPE  
THREAD

**PART No.**

I4C \_\_ MP4MP4  
I6C \_\_ MP6MP6

**MP**

1/4  
3/8

**MP**

1/4  
3/8

**Hose**

**I.D.**

1/4  
3/8

**Hose**

Rubber  
Rubber

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



**FS**  
45° S.A.E.  
FEMALE FLARE



1/4 & 3/8 I.D.  
ONLY.



**MP**  
MALE PIPE  
THREAD

**PART No.**

I4C \_\_ FS4MP4  
I4C \_\_ FS6MP4  
I4C \_\_ FS6MP6  
I6C \_\_ FS6MP4  
I6C \_\_ FS6MP6  
I6C \_\_ FS6MP8  
I6C \_\_ FS8MP6

**FS**

1/4  
3/8  
3/8  
3/8  
3/8  
3/8  
1/2  
1/2

**MP**

1/4  
1/4  
3/8  
1/4  
3/8  
3/8  
3/8  
3/8

**Hose**

**I.D.**

1/4  
1/4  
1/4  
3/8  
3/8  
3/8  
3/8  
3/8

**Hose**

Rubber  
Rubber  
Rubber  
Rubber  
Rubber  
Rubber  
Rubber  
Rubber

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



**FS**  
45° S.A.E.  
FEMALE FLARE



1/4 & 3/8 I.D.  
ONLY.



**FS**  
45° S.A.E.  
FEMALE FLARE

**PART No.**

I4C \_\_ FS4FS4  
I4C \_\_ FS6FS6  
I6C \_\_ FS6FS6

**FS**

1/4  
3/8  
3/8

**FS**

1/4  
3/8  
3/8

**Hose**

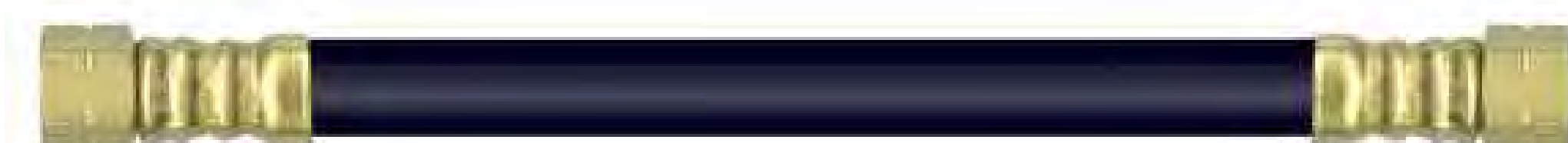
**I.D.**

1/4  
1/4  
3/8

**Hose**

Rubber  
Rubber  
Rubber

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.  
• PACKAGED ASSEMBLY AVAILABLE.



**FW**  
FEMALE WELDING  
9/16-18 I.h.



**FW**  
FEMALE WELDING  
9/16-18 I.h.

**PART No.**

I4C \_\_ FWF  
I6C \_\_ FWF

**FW**

9/16-18 L.H.  
9/16-18 L.H.

**FW**

9/16-18 L.H.  
9/16-18 L.H.

**Hose**

**I.D.**

1/4  
3/8

**Hose**

Rubber  
Rubber

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.  
• PACKAGED ASSEMBLY AVAILABLE.



**FC**  
1"-20 SWIVEL FEMALE  
CYLINDER THREAD



**MC**  
1"-20 SWIVEL MALE  
CYLINDER THREAD

**PART No.**

I4C \_\_ FCMC  
I4TC \_\_ FCMC

**FC**

1"-20  
1"-20

**MC**

1"-20  
1"-20

**Hose**

**I.D.**

1/4  
1/4

**Hose**

Rubber  
Thermoplastic

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.  
• PACKAGED ASSEMBLY AVAILABLE.

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



# U.L. / C.S.A. APPROVED TYPE I PROPANE HOSE ASSEMBLIES

Used To Conduct Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I.

Rubber Temperature Range: -60°F To 212°F (-51°C To 100°C)  
Thermoplastic Temperature Range: -40°F To 140°F (-40°C To 60°C)



**MP**  
MALE PIPE  
THREAD



**MP**  
MALE PIPE  
THREAD

| PART No.       | MP    | MP    | Hose I.D. | Hose   |
|----------------|-------|-------|-----------|--------|
| I8C__MP8MP8    | 1/2   | 1/2   | 1/2       | Rubber |
| I12C__MP12MP12 | 3/4   | 3/4   | 3/4       | Rubber |
| I16C__MP16MP16 | 1     | 1     | 1         | Rubber |
| I20C__MP20MP20 | 1-1/4 | 1-1/4 | 1-1/4     | Rubber |
| I24C__MP24MP24 | 1-1/2 | 1-1/2 | 1-1/2     | Rubber |
| I32C__MP32MP32 | 2     | 2     | 2         | Rubber |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

NOTE: 1/2 & LARGER C/W STEEL ENDS



**FS**  
45° S.A.E.  
FEMALE FLARE



**MP**  
MALE PIPE  
THREAD

| PART No.    | FS  | MP  | Hose I.D. | Hose   |
|-------------|-----|-----|-----------|--------|
| I8C__FS8MP6 | 1/2 | 3/8 | 1/2       | Rubber |
| I8C__FS8MP8 | 1/2 | 1/2 | 1/2       | Rubber |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

NOTE: 1/2 & LARGER C/W STEEL ENDS



**FS**  
45° S.A.E.  
FEMALE FLARE  
(STEEL)



**FS**  
45° S.A.E.  
FEMALE FLARE  
(STEEL)

| PART No.       | FJ  | FJ  | Hose I.D. | Hose   |
|----------------|-----|-----|-----------|--------|
| I8C__FS8FS8    | 1/2 | 1/2 | 1/2       | Rubber |
| I12C__FS12FS12 | 3/4 | 3/4 | 3/4       | Rubber |
| I16C__FS16FS16 | 1   | 1   | 1         | Rubber |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

NOTE: 1/2 & LARGER C/W STEEL ENDS



**FJ**  
37° S.A.E.  
FEMALE FLARE  
(STEEL)



**MP**  
MALE PIPE  
THREAD  
(STEEL)

| PART No.       | FJ    | MP    | Hose I.D. | Hose   |
|----------------|-------|-------|-----------|--------|
| I12C__FJ12MP12 | 3/4   | 3/4   | 3/4       | Rubber |
| I16C__FJ16MP16 | 1     | 1     | 1         | Rubber |
| I20C__FJ20MP20 | 1-1/4 | 1-1/4 | 1-1/4     | Rubber |
| I24C__FJ24MP24 | 1-1/2 | 1-1/2 | 1-1/2     | Rubber |
| I32C__FJ32MP32 | 2     | 2     | 2         | Rubber |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

NOTE: 1/2 & LARGER C/W STEEL ENDS



**FJ**  
37° S.A.E.  
FEMALE FLARE  
(STEEL)



**FJ**  
37° S.A.E.  
FEMALE FLARE  
(STEEL)

| PART No.       | FJ    | FJ    | Hose I.D. | Hose   |
|----------------|-------|-------|-----------|--------|
| I12C__FJ12FJ12 | 3/4   | 3/4   | 3/4       | Rubber |
| I16C__FJ16FJ16 | 1     | 1     | 1         | Rubber |
| I20C__FJ20FJ20 | 1-1/4 | 1-1/4 | 1-1/4     | Rubber |
| I24C__FJ24FJ24 | 1-1/2 | 1-1/2 | 1-1/2     | Rubber |
| I32C__FJ32FJ32 | 2     | 2     | 2         | Rubber |

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

NOTE: 1/2 & LARGER C/W STEEL ENDS

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**










# U.L. / C.S.A. APPROVED TYPE I PROPANE HOSE ASSEMBLIES



Used To Conduct Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I.

Rubber Temperature Range: -60°F To 212°F (-51°C To 100°C)  
Thermoplastic Temperature Range: -40°F To 140°F (-40°C To 60°C)

|                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>POLNE</b><br/>NO EXCESS FLOW</p> <p>UL C SP US</p> <p><b>POLNE</b><br/>NO EXCESS FLOW</p>                                       | <p><b>PART No.</b><br/>I4C__POLNEPOLNE</p> <p><b>POLNE</b><br/>No Excess Flow</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p>                                                                                                                                                                                      |
|  <p><b>POLNEHW</b><br/>NO EXCESS FLOW</p> <p>UL C SP US</p> <p><b>POLNEHW</b><br/>NO EXCESS FLOW</p>                                   | <p><b>PART No.</b><br/>I4C__POLNEPOLNEHW</p> <p><b>POLNE</b><br/>No Excess Flow<br/>Hand Wheel</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p>                                                                                                                                                                     |
|  <p><b>MI</b><br/>INVERTED FLARE</p> <p>UL C SP US</p> <p><b>POL</b><br/>O-RING P.O.L.<br/>WITH EXCESS FLOW</p>                      | <p><b>PART No.</b><br/>I4C__MI4POL</p> <p><b>MI</b><br/>1/4</p> <p><b>POL</b><br/>Excess Flow</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>I4TC__MI4POL 1/4 Excess Flow 1/4 Thermoplastic</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p>                                                                                                                |
|  <p><b>MI</b><br/>INVERTED FLARE</p> <p>UL C SP US</p> <p><b>POLHW</b><br/>O-RING P.O.L.<br/>WITH EXCESS FLOW</p>                    | <p><b>PART No.</b><br/>I4C__MI4POLHW</p> <p><b>MI</b><br/>1/4</p> <p><b>POL</b><br/>Hand Wheel</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>I4TC__MI4POLHW 1/4 Hand Wheel 1/4 Thermoplastic</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p> <p>• PACKAGED ASSEMBLY AVAILABLE.</p>                                                                        |
|  <p><b>MC</b><br/>1"-20 SWIVEL MALE<br/>CYLINDER THREAD</p> <p>SP US</p> <p><b>POLHW</b><br/>O-RING P.O.L. # 60<br/>ORIFICE HOLE</p> | <p><b>PART No.</b><br/>I4C__MCPOLHW</p> <p><b>MC</b><br/>1"-20</p> <p><b>POL</b><br/>Hand Wheel</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>I4TC__MCPOLHW 1"-20 Hand Wheel 1/4 Thermoplastic</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p> <p>• PACKAGED ASSEMBLY AVAILABLE.</p> <p>• AVAILABLE WITHOUT HANDWHEEL - REMOVE (HW) FROM PART NUMBER.</p> |
|  <p><b>MP</b><br/>MALE PIPE<br/>THREAD</p> <p>UL C SP US</p> <p><b>POL</b><br/>O-RING P.O.L.<br/>WITH EXCESS FLOW</p>                | <p><b>PART No.</b><br/>I4C__MP4POL</p> <p><b>MP</b><br/>1/4</p> <p><b>POL</b><br/>Excess Flow</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>I4C__MP4POLNE 1/4 NO Excess Flow 1/4 Rubber</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p> <p>• AVAILABLE WITH HARDNOSE POL- (_MP4POLHN) PART NUMBER.</p>                                                    |
|  <p><b>MP</b><br/>MALE PIPE<br/>THREAD</p> <p>UL C SP US</p> <p><b>POLHW</b><br/>O-RING P.O.L.<br/>WITH EXCESS FLOW</p>              | <p><b>PART No.</b><br/>I4C__MP4POLHW</p> <p><b>MP</b><br/>1/4</p> <p><b>POL</b><br/>Hand Wheel</p> <p><b>Hose I.D.</b><br/>1/4</p> <p><b>Hose</b><br/>Rubber</p> <p>• NOTE: __ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.</p> <p>• PACKAGED ASSEMBLY AVAILABLE.</p>                                                                                                                               |


**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



# U.L. / C.S.A. APPROVED TYPE I PROPANE HOSE ASSEMBLIES

Used To Conduct Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I.

Rubber Temperature Range: -60°F To 212°F (-51°C To 100°C)  
Thermoplastic Temperature Range: -40°F To 140°F (-40°C To 60°C)



| PART No.    | FP4  | FP4 | Hose I.D. | Hose   |
|-------------|------|-----|-----------|--------|
| I4C__FP4FP4 | 1/4. | 1/4 | 1/4       | Rubber |

FP4 FEMALE PIPE 1/4

UL C SP US

FP4 FEMALE PIPE 1/4

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



| PART No.    | FP4  | MP4 | Hose I.D. | Hose   |
|-------------|------|-----|-----------|--------|
| I4C__FP4MP4 | 1/4. | 1/4 | 1/4       | Rubber |

FP4 FEMALE PIPE 1/4

UL C SP US

MP4 MALE PIPE 1/4

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



| PART No.    | FP4 | FS6 | Hose I.D. | Hose   |
|-------------|-----|-----|-----------|--------|
| I4C__FP4FS6 | 1/4 | 3/8 | 1/4       | Rubber |

FP4 FEMALE PIPE 1/4

UL C SP US

FS6 45° S.A.E 3/8 FEMALE FLARE

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.



| PART No.    | MC    | QCC          | Hose I.D. | Hose          |
|-------------|-------|--------------|-----------|---------------|
| I4C__MCQCC  | 1"-20 | 1-5/16" ACME | 1/4       | Rubber        |
| I4TC__MCQCC | 1"-20 | 1-5/16" ACME | 1/4       | Thermoplastic |

MC 1"-20 SWIVEL MALE CYLINDER THREAD

UL C SP US

QCC 1-5/16 FEMALE ACME THREAD

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

• PACKAGED ASSEMBLY AVAILABLE.

• WITH BACK CHECK VALVE.



| PART No.    | MP  | QCC          | Hose I.D. | Hose   |
|-------------|-----|--------------|-----------|--------|
| I4C__MP4QCC | 1/4 | 1-5/16" ACME | 1/4       | Rubber |

MP MALE PIPE 1/4

UL C SP US

QCC 1-5/16 FEMALE ACME THREAD

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

• WITH BACK CHECK VALVE



| PART No.     | MI  | QCC          | Hose I.D. | Hose          |
|--------------|-----|--------------|-----------|---------------|
| I4C__MI4QCC  | 1/4 | 1-5/16" ACME | 1/4       | Rubber        |
| I4TC__MI4QCC | 1/4 | 1-5/16" ACME | 1/4       | Thermoplastic |


MI INVERTED FLARE 1/4

UL C SP US

QCC 1-5/16 FEMALE ACME THREAD

• NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES WHERE APPLICABLE.

• WITH BACK CHECK VALVE




| PART No.       | Inverted Flare | QCC1   | Length (IN.) | Hose Type     |
|----------------|----------------|--------|--------------|---------------|
| I4C18MI4QCCP2  | 1/4            | 1-5/16 | 18           | Rubber        |
| I4TC18MI4QCCP2 | 1/4            | 1-5/16 | 18           | Thermoplastic |

Specifically designed for use in recreational vehicles, these assemblies are replacements for propane regulator to cylinder connections.

**CONTAINS TWO ASSEMBLIES**

*Selected Items Only*



**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



# PROPANE GAS RECREATIONAL VEHICLE ASSEMBLY KITS



The kits below come in a hanger display box complete with instructions.

Rubber Temperature Range: -60°F To +212°F (-51°C To 100°C)  
Thermoplastic Temperature Range: -40°F To +140°F (-40°C To 60°C)



**MI**  
INVERTED  
FLARE



**QCC1**  
1-5/16 FEMALE  
ACME THREAD



**HIGH CAPACITY GREEN QCC1**



**GAS-FLO**  
Retail packaging.

| PART No.        | Inverted Flare | QCC1   | Length (FT.) | Hose Type |
|-----------------|----------------|--------|--------------|-----------|
| GR-RVKIT-TPOL-R | 1/4            | 1-5/16 | 5            | Rubber    |

Specifically designed for use in recreational vehicles, this kit allows for the hook-up of an auxiliary propane cylinder to your trailer's internal propane gas system. Comes complete in reusable carrying case.




Includes 2090 Tee Assembly



**1**  
**2**



**HIGH CAPACITY GREEN QCC1 APPLIANCE HOSE**



**GAS-FLO**  
Retail packaging.



**GAS-FLO**  
Retail packaging.

| PART No    | GR-RVKIT-TPOL2-R | End 1           | End 2           | Length (FT.) | Hose Type |
|------------|------------------|-----------------|-----------------|--------------|-----------|
| Assembly 1 |                  | 1/4 M. INV FLR  | 1-5/16 QCC1     | 5            | Rubber    |
| Assembly 2 |                  | M.1-20 CYLINDER | F.1-20 CYLINDER | 12           | Rubber    |

Specifically designed for use in recreational vehicles, this kit allows for the hook-up of an auxiliary 20, 30, or 40 LB propane cylinder to your trailer's internal propane gas system. Comes complete in reusable carrying case, with two assemblies.




Includes 2090 Tee Assembly



**FC**  
1-20 FEMALE  
CYLINDER



**MC**  
1-20 MALE  
CYLINDER



**GAS-FLO**  
Retail packaging.



**GAS-FLO**  
Retail packaging.

| PART No.       | Female Cylinder | Male Cylinder | Length (FT.) | Hose Type |
|----------------|-----------------|---------------|--------------|-----------|
| GR-RVKIT-TQC-R | 1-20            | 1-20          | 12           | Rubber    |

Specifically designed for use in recreational vehicles, this kit allows the hook-up of a tabletop BBQ into your existing propane gas system. Comes complete in reusable carrying case.




Includes 2499 Tee Assembly



**QD**  
COUPLER



**QDN**  
NIPPLE



**GAS-FLO**  
Retail packaging.



**GAS-FLO**  
Retail packaging.

| PART No.      | Valved Coupler | R.V. Q.D. Nipple | Length (FT.) | Hose Type |
|---------------|----------------|------------------|--------------|-----------|
| GR-RVKIT-QD-R | 1/4            | 1/4              | 12           | Rubber    |

Specifically Designed for use in recreational vehicles this kit allows for the hook-up of a BBQ into your existing vehicle propane gas Q.D. Coupler. Comes complete in reusable carrying case.




Includes adapter for your appliance.



# PROPANE GAS RECREATIONAL VEHICLE ASSEMBLIES

Hose Approved To Conduct Natural Gas In A Gaseous State And Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I. 50,000 BTU/Hr. Capacity Natural Gas. Q.D. Rated to 60 PSIG.



**PART No. GR-9984-KIT-1**  
R.V. Regulator & Pigtail Kit  
*Other Lengths Available.*



**Contains:**

- 2 12" Type I Pigtail Assemblies (I4C12MI4QCC)
- 1 R.V. Regulator with Mounting Bracket (GR-9984-U)
- 1 R.V. Regulator Protective Cover (GR-5984)
- 1 3/8 Outlet Connection Flare Adapter (48-6C)

## R.V. GAS GRILL SIDE BURNER ASSEMBLIES

Pigtails and Flexible Hose Connectors for LP-Gas



Specifically Designed for use in recreational vehicles this assembly allows for the hook-up of any grill / appliance using a disposable cylinder into your existing vehicle propane gas Q.D. Coupler.

| PART No.    | Male Cylinder | R.V. Q.D. Nipple | Hose Length | Hose Type |
|-------------|---------------|------------------|-------------|-----------|
| I4C120MCQDN | 1"-20         | 1/4              | 120"        | Rubber    |



| PART No.     | Female Flare | R.V. Q.D. Nipple | Hose Length | Hose Type     |
|--------------|--------------|------------------|-------------|---------------|
| I4C18FS6QDN  | 3/8          | 1/4              | 18"         | Rubber        |
| I4C24FS6QDN  | 3/8          | 1/4              | 24"         | Rubber        |
| I4C30FS6QDN  | 3/8          | 1/4              | 30"         | Rubber        |
| I4TC18FS6QDN | 3/8          | 1/4              | 18"         | Thermoplastic |
| I4TC24FS6QDN | 3/8          | 1/4              | 24"         | Thermoplastic |
| I4TC30FS6QDN | 3/8          | 1/4              | 30"         | Thermoplastic |



| PART No.    | R.V. Q.D. Coupler | R.V. Q.D. Nipple | Hose Length | Hose Type |
|-------------|-------------------|------------------|-------------|-----------|
| I4C60QDCQDN | 1/4               | 1/4              | 60"         | Rubber    |
| I4C72QDCQDN | 1/4               | 1/4              | 72"         | Rubber    |



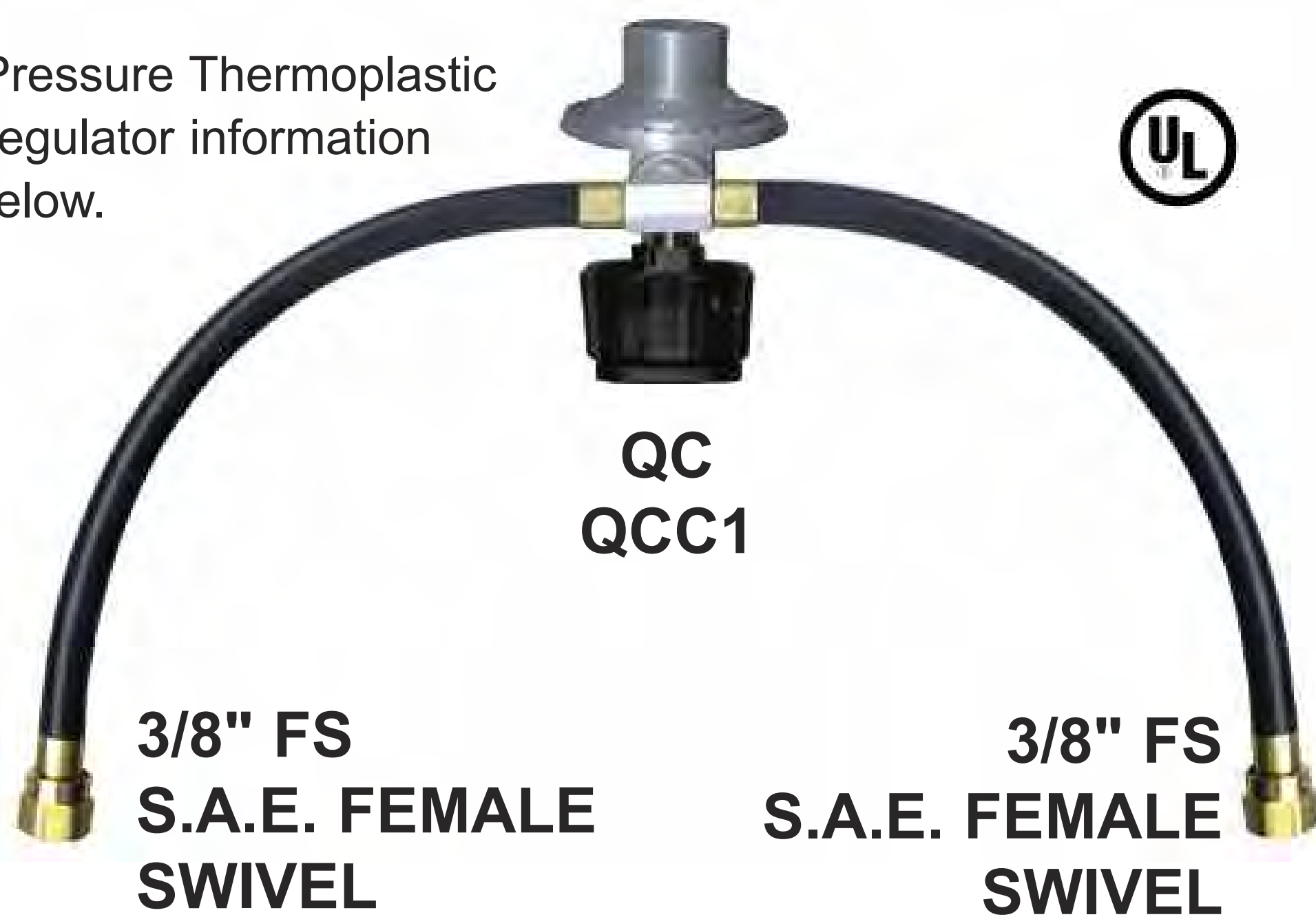
# U.L. LISTED PROPANE GRILL / BARBECUE REGULATOR ASSEMBLIES



## GAS GRILL SIDE BURNER ASSEMBLIES

### Pigtails and Flexible Hose Connectors for LP-Gas

Low Pressure Thermoplastic  
For Regulator information  
see below.



#### Regulator Specifications

- Zinc Die Cast
- Molded Rubber Diaphragms
- Underwriters Laboratories Listed

GR-766  
90° Body c/w QCC1



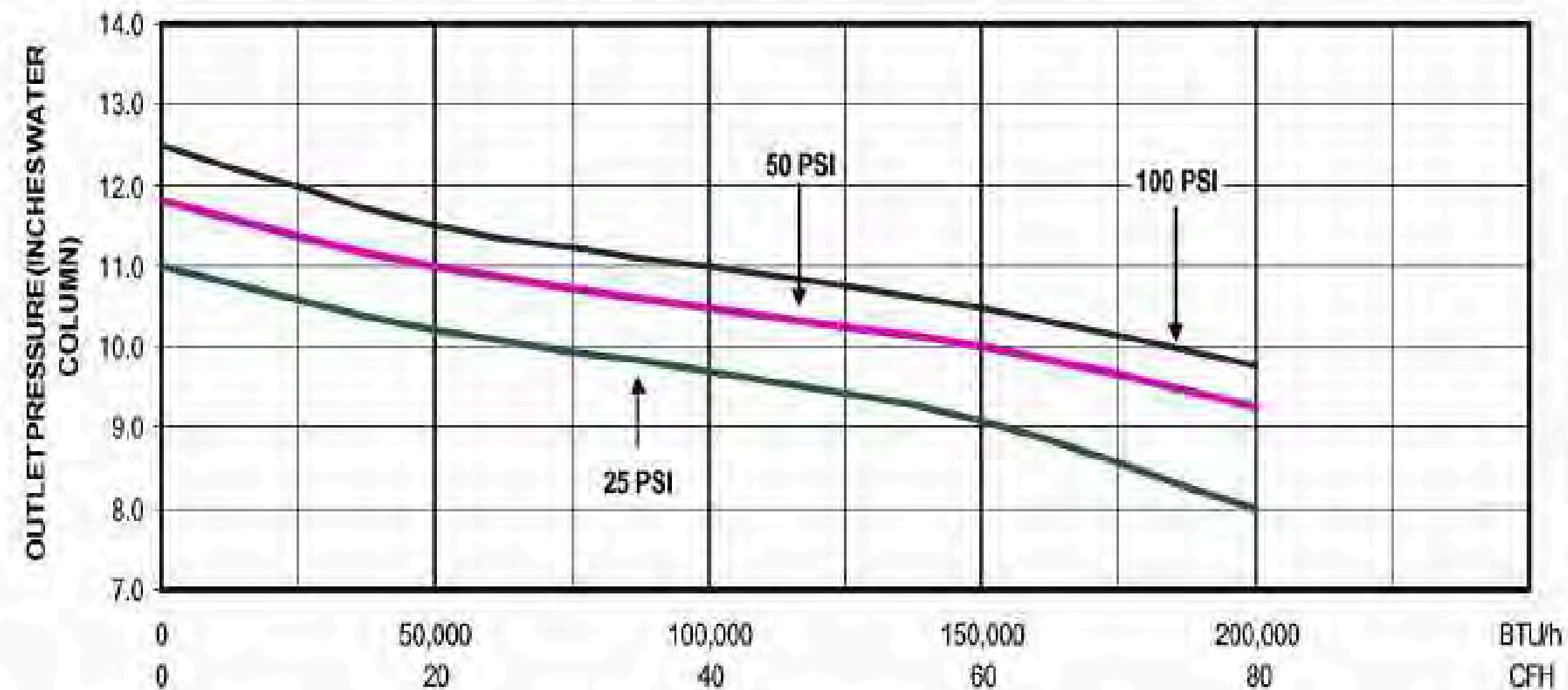
#### PART No.

|                      |     |     |
|----------------------|-----|-----|
| I4LTC18FS6T18FS6GRQC | 3/8 | 18" |
| I4LTC24FS6T24FS6GRQC | 3/8 | 24" |
| I4LTC30FS6T30FS6GRQC | 3/8 | 30" |
| I4LTC36FS6T36FS6GRQC | 3/8 | 36" |

| Female Flare | Each Hose Length |
|--------------|------------------|
| 3/8          | 18"              |
| 3/8          | 24"              |
| 3/8          | 30"              |
| 3/8          | 36"              |

• PACKAGED ASSEMBLY AVAILABLE.

FLOW CHARACTERISTIC CHART FOR  
MODEL GR-700B



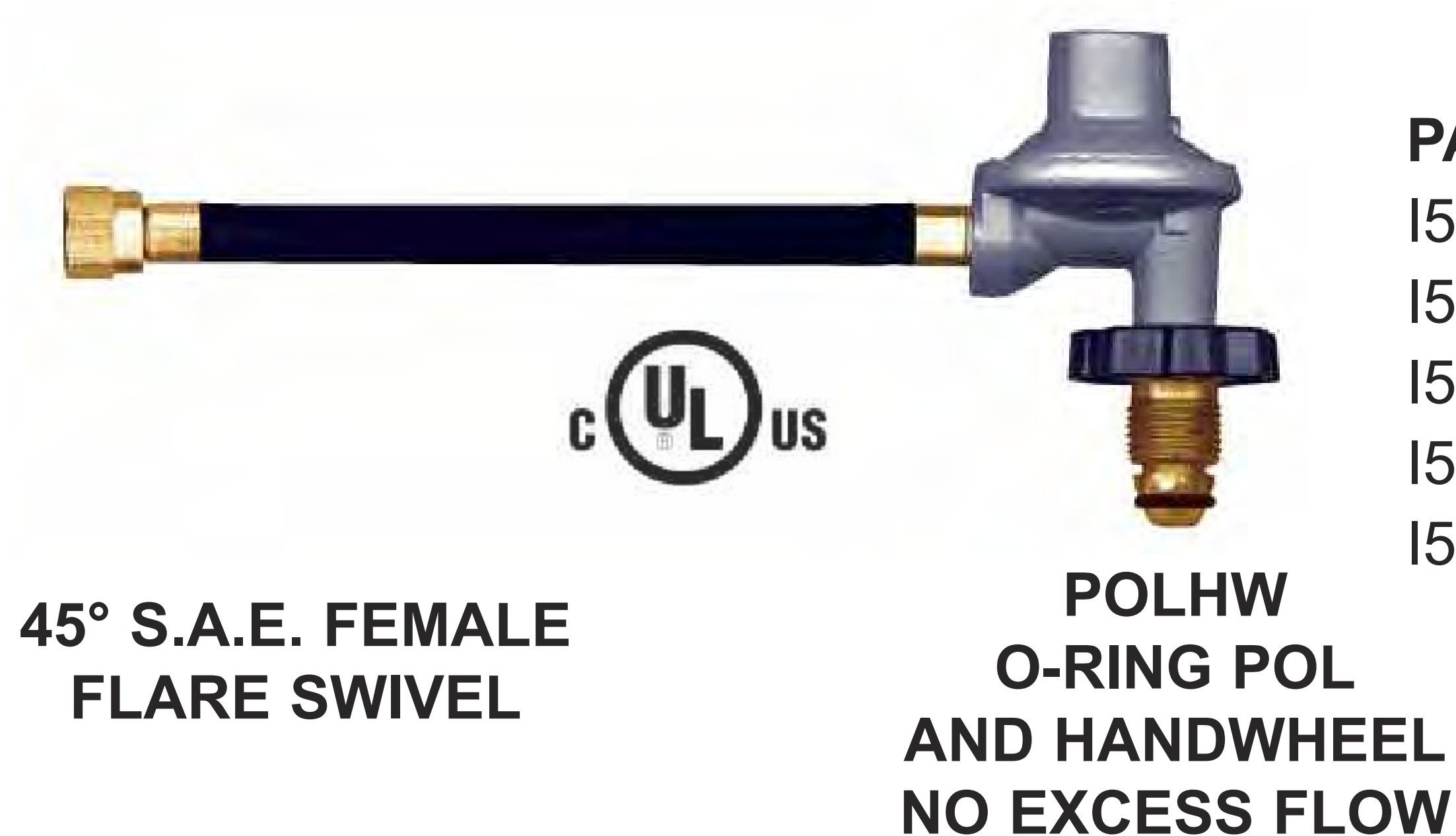
The assemblies below are available individually packaged and are suitable for display racks .  
Please suffix PART No. with "P". (example: I5LTC24GRQCP) Only Available to a Maximum 60" Length.



#### PART No.

|             |
|-------------|
| I5LTC24GRQC |
| I5LTC30GRQC |
| I5LTC36GRQC |
| I5LTC48GRQC |
| I5LTC60GRQC |

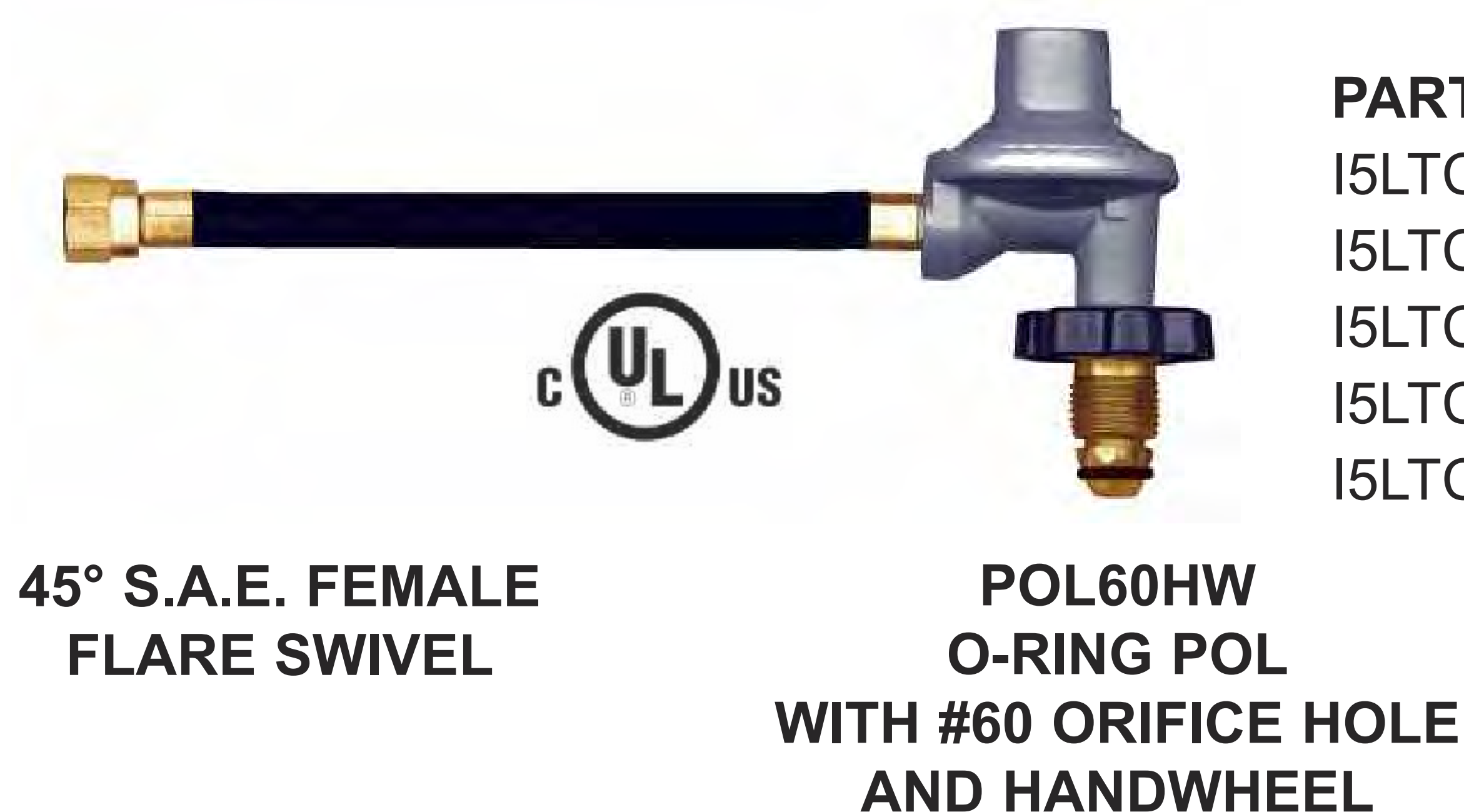
| Female Flare | Hose Length | Hose          |
|--------------|-------------|---------------|
| 3/8          | 24"         | Thermoplastic |
| 3/8          | 30"         | Thermoplastic |
| 3/8          | 36"         | Thermoplastic |
| 3/8          | 48"         | Thermoplastic |
| 3/8          | 60"         | Thermoplastic |



#### PART No.

|                |
|----------------|
| I5LTC24GRPOLHW |
| I5LTC30GRPOLHW |
| I5LTC36GRPOLHW |
| I5LTC48GRPOLHW |
| I5LTC60GRPOLHW |

| Female Flare | Hose Length | Hose          |
|--------------|-------------|---------------|
| 3/8          | 24"         | Thermoplastic |
| 3/8          | 30"         | Thermoplastic |
| 3/8          | 36"         | Thermoplastic |
| 3/8          | 48"         | Thermoplastic |
| 3/8          | 60"         | Thermoplastic |



#### PART No.

|                  |
|------------------|
| I5LTC24GRPOL60HW |
| I5LTC30GRPOL60HW |
| I5LTC36GRPOL60HW |
| I5LTC48GRPOL60HW |
| I5LTC60GRPOL60HW |

| Female Flare | Hose Length | Hose          |
|--------------|-------------|---------------|
| 3/8          | 24"         | Thermoplastic |
| 3/8          | 30"         | Thermoplastic |
| 3/8          | 36"         | Thermoplastic |
| 3/8          | 48"         | Thermoplastic |
| 3/8          | 60"         | Thermoplastic |

100,000 BTU/HR. Capacity\*  
\*Based on 25 PSIG inlet pressure and 9" W.C. outlet pressure at Manufacturer's set point.  
Manufacturer's set point = 100 PSIG and 11" W.C. outlet at 30 SCFH propane.



# NATURAL GAS GRILL / BARBECUE HOSE ASSEMBLIES

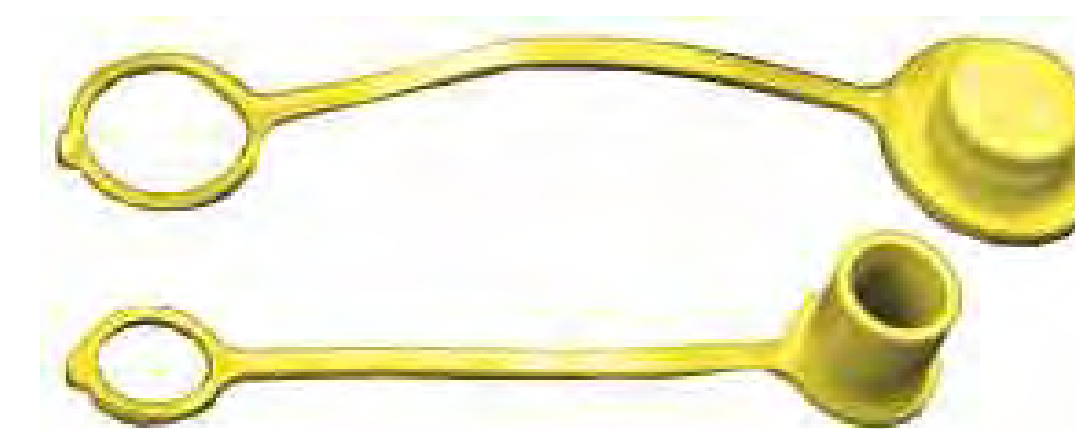
## 3/8" TYPE I HOSE WITH GAS~FLO® QUICK DISCONNECT



RUBBER - Hose Approved to C.G.A. Standard 8.1  
Capacity Natural Gas. Q.D. Rated to 1/2 PSIG



Retail packaging available suffix PART No. with "PS".



Assemblies come complete with dust plug and cap. Remove "PC" if not required.

| PART No.      | Hose I.D. (IN.) | Description                                   | Coupler (IN.) | Nipple (IN.) | Length (IN.) | BTU /Hr. |
|---------------|-----------------|-----------------------------------------------|---------------|--------------|--------------|----------|
| I6C120FS6QDPC | 3/8             | 3/8" F. S.A.E. X 3/8" Quick Disconnect        | 3/8           | 3/8          | 120"         | 71,208   |
| I6C144FS6QDPC | 3/8             | 3/8" F. S.A.E. X 3/8" Quick Disconnect        | 3/8           | 3/8          | 144"         | 65,016   |
| I6C180FS6QDPC | 3/8             | 3/8" F. S.A.E. X 3/8" Quick Disconnect        | 3/8           | 3/8          | 180"         | 51,858   |
| I6C120FS6QDN  | 3/8             | 3/8" F. S.A.E. X 3/8" Quick Disconnect Nipple | N/A           | 3/8          | 120"         | 71,208   |
| I8C120FS6QDPC | 1/2             | 3/8" F. S.A.E. X 1/2" Quick Disconnect        | 1/2           | 1/2          | 120"         | 107,741  |
| I8C144FS6QDPC | 1/2             | 3/8" F. S.A.E. X 1/2" Quick Disconnect        | 1/2           | 1/2          | 144"         | 106,425  |
| I8C180FS6QDPC | 1/2             | 3/8" F. S.A.E. X 1/2" Quick Disconnect        | 1/2           | 1/2          | 180"         | 99,923   |
| I8C120FS6QDN6 | 1/2             | 3/8" F. S.A.E. X 3/8" Quick Disconnect Nipple | N/A           | 3/8          | 120"         | 109,908  |



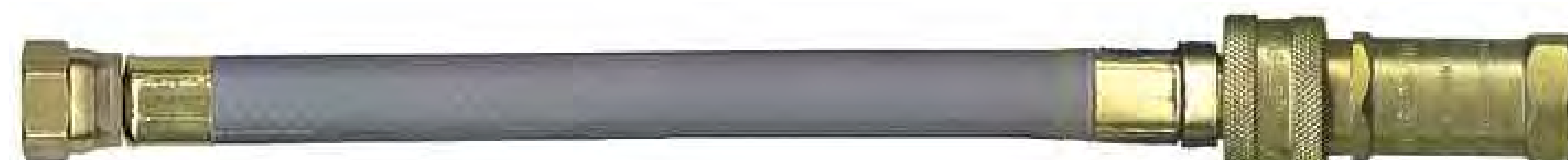
| PART No.      | Hose I.D. (IN.) | Description                          | Coupler (IN.) | Nipple (IN.) | Length (IN.) | BTU /Hr. |
|---------------|-----------------|--------------------------------------|---------------|--------------|--------------|----------|
| I8C120MP8QDPC | 1/2             | 1/2" M. PIPE X 1/2" Quick Disconnect | 1/2           | 1/2          | 120"         | 106,425  |

## 3/8" GREY HOSE WITH GAS~FLO® 3/8" QUICK DISCONNECT



Retail packaging available suffix PART No. with "PS".

CSA Certified to Standard ANSI Z21.54 C.G.A. 8.4 (Thermoplastic)  
Used To Conduct Natural Gas / Propane In A Gaseous State Up  
To 1/2 P.S.I. 80,000 BTU/Hr. Capacity Natural Gas



Assemblies come complete with dust plug and cap. Remove "PC" if not required.

| PART No.         | Hose I.D. (IN.) | Description                                   | Coupler (IN.) | Nipple (IN.) | Length (IN.) | BTU /Hr. |
|------------------|-----------------|-----------------------------------------------|---------------|--------------|--------------|----------|
| I6NGTC120FS6QDPC | 3/8             | 3/8" F. S.A.E. Swivel X 3/8" Quick Disconnect | 3/8           | 3/8          | 120"         | 80,000   |
| I6NGTC144FS6QDPC | 3/8             | 3/8" F. S.A.E. Swivel X 3/8" Quick Disconnect | 3/8           | 3/8          | 144"         | 80,000   |
| I6NGTC180FS6QDPC | 3/8             | 3/8" F. S.A.E. Swivel X 3/8" Quick Disconnect | 3/8           | 3/8          | 180"         | 80,000   |

## ARGON GAS HOSE ASSEMBLY



Argon Gas supply welding hose.

**CONSTRUCTION:** EPDM cover and tube with high tensile spiral synthetic yarn reinforcement.

**TEMPERATURE:** -20°F to +200°F, -29°C to + 193°C

**COLOR:** Black

| PART No.    | Male Welding | Length (FT.) | Actual I.D. (IN.) |
|-------------|--------------|--------------|-------------------|
| ARG4BLK-6   | 5/8 - 18 RH  | 6            | 1/4               |
| ARG4BLK-10  | 5/8 - 18 RH  | 10           | 1/4               |
| ARG4BLK-25  | 5/8 - 18 RH  | 25           | 1/4               |
| ARG4BLK-50  | 5/8 - 18 RH  | 50           | 1/4               |
| ARG4BLK-100 | 5/8 - 18 RH  | 100          | 1/4               |



## LOW TEMPERATURE PROPANE DELIVERY HOSE



Approved To Conduct Natural Gas In A Gaseous State  
And Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I.



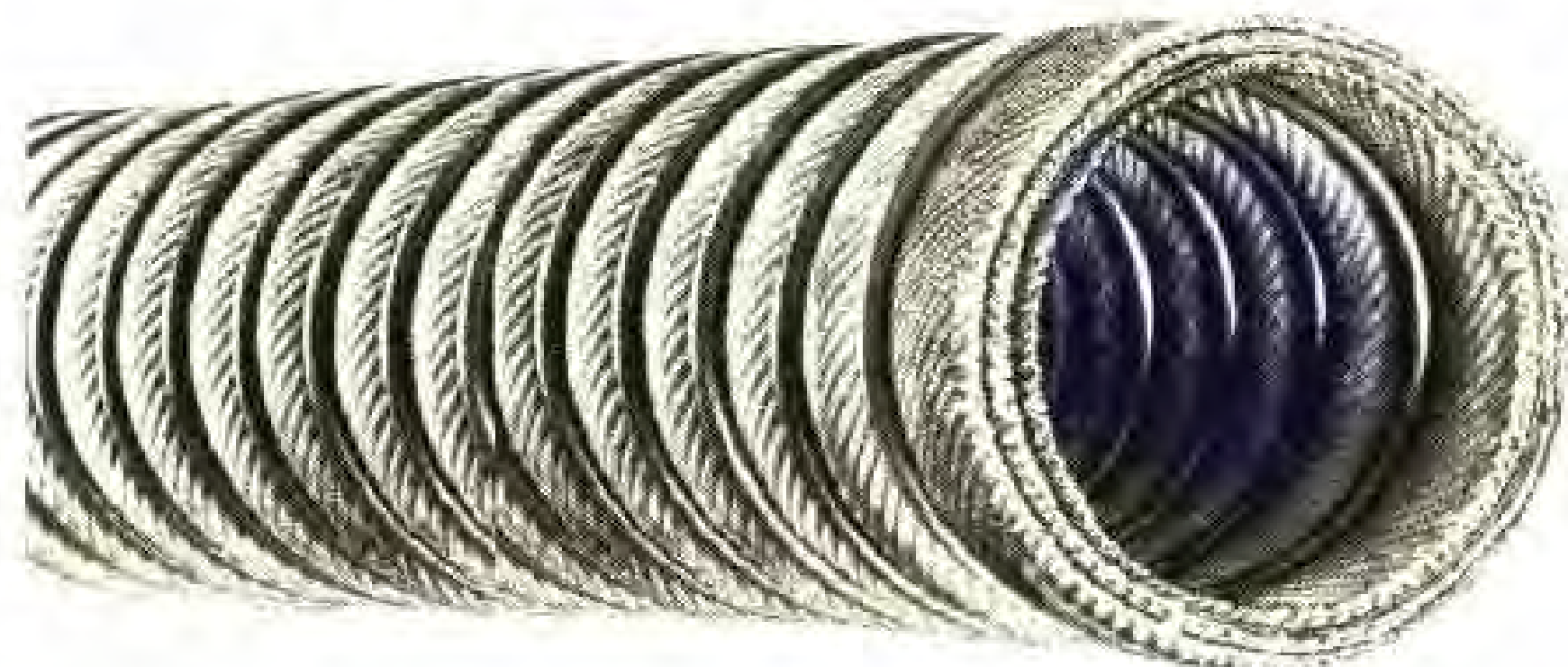
MP  
MALE PIPE THREAD

MP  
MALE PIPE THREAD

Easy to handle Gas-Flo® Type I delivery hose offers a high-grade Neoprene cover that provides excellent ozone and abrasion resistance. The superior quality hose glides smoothly over any surface and conducts gas in temperatures as low as **-60°F to +212°F, (-51°C to +100°C).**  
**FOR L.P. DELIVERY TRUCKS.**  
**D.O.T. CERTIFICATE SUPPLIED BY FAIRVIEW**

| PART No.         | MP   |      | Hose | Length | Hose   |
|------------------|------|------|------|--------|--------|
|                  | I.D. | Feet | I.D. | Feet   |        |
| I16C1200MP16MP16 | 1    | 1    | 1    | 100    | Rubber |
| I16C1500MP16MP16 | 1    | 1    | 1    | 125    | Rubber |
| I16C1800MP16MP16 | 1    | 1    | 1    | 150    | Rubber |

## CRYOFLEX LIQUID GAS SUCTION & DELIVERY HOSE



MP  
MALE PIPE THREAD

MP  
MALE PIPE THREAD

### Code 0974 Butane / Propane

This hose is made up of layers of terylene Polyester fabric and Melinex Polyester film, a combination which gives it remarkable insulation. Crush resistance and reinforcement are achieved with a carbon steel inner spiral and mild steel outer spiral. The outer cover of terylene assists in providing protection against abrasion. Ideal for tank truck and rail car loading and unloading of Butane and Propane, sizes 1", 1-1/4", 1-1/2", and 2" are standard tested and tagged in accordance with the C.S.A.

Temperatures from **-60°F to +122°F, (-51°C to +50°C)**  
Maximum working pressure: **150 PSI**

| PART No.          | MP    |       | Hose  | Length | Hose     |
|-------------------|-------|-------|-------|--------|----------|
|                   | I.D.  | Feet  | I.D.  | Feet   |          |
| ICR20C144MP20MP20 | 1-1/4 | 1-1/4 | 1-1/4 | 12     | Terylene |
| ICR20C720MP20MP20 | 1-1/4 | 1-1/4 | 1-1/4 | 60     | Terylene |
| ICR32C144MP32MP32 | 2     | 2     | 2     | 12     | Terylene |
| ICR32C360MP32MP32 | 2     | 2     | 2     | 30     | Terylene |

## LPG VAPOR HOSE



Neoprene LPG vapor hose construction combines a smooth high quality neoprene tube with a continuous wire helix, a high tensile synthetic fabric ply and smooth wrapped cover resulting in a superior constructed hose that provides flexibility, durability and performance.

- **COLOR:** Black
- **PACKAGING:** 10FT or 50FT Coils
- **TEMPERATURE:** -30°F to +260°F, -34°C to +127°C

NOTE: WORKING PRESSURE RATED AT +70°F, +21°C.  
ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

| PART No. | Inside | Outside | W.P.   | Length |
|----------|--------|---------|--------|--------|
|          | Dia.   | Dia.    | P.S.I. | Feet   |
| VH-12-50 | 3/4    | 1-1/16  | 40     | 50     |
| VH-16-50 | 1      | 1-1/4   | 40     | 50     |

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**





# CSA APPROVED TYPE II PROPANE & NATURAL GAS HOSE ASSEMBLIES

Type II, Cotton Covered Stainless Steel Braided Hose. Used To Conduct Natural Gas In A Gaseous State And Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I. Temperature Range: -40°F To +200°F (-40°C To 93°C)



MP MALE PIPE THREAD MP MALE PIPE THREAD



| PART No.        | MP    | MP    | Hose I.D. |
|-----------------|-------|-------|-----------|
| II8C__MP8MP8    | 1/2   | 1/2   | 13/32     |
| II12C__MP12MP12 | 3/4   | 3/4   | 5/8       |
| II16C__MP16MP16 | 1     | 1     | 7/8       |
| II20C__MP20MP20 | 1-1/4 | 1-1/4 | 1-1/8     |
| II32C__MP32MP32 | 2     | 2     | 1-13/16   |

NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES



FS 45° S.A.E. FEMALE FLARE MP MALE PIPE THREAD



| PART No.        | FS  | MP  | Hose I.D. |
|-----------------|-----|-----|-----------|
| II8C__FS8MP8    | 1/2 | 1/2 | 13/32     |
| II12C__FS12MP12 | 3/4 | 3/4 | 5/8       |

NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES



FS 45° S.A.E.. FEMALE FLARE FS 45° S.A.E.. FEMALE FLARE



| PART No.        | FS  | FS  | Hose I.D. |
|-----------------|-----|-----|-----------|
| II8C__FS8FS8    | 1/2 | 1/2 | 13/32     |
| II12C__FS12FS12 | 3/4 | 3/4 | 5/8       |

NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES



FJ 37° J.I.C. FEMALE FLARE MP MALE PIPE THREAD



| PART No.        | FJ    | MP    | Hose I.D. |
|-----------------|-------|-------|-----------|
| II8C__FJ8MP8    | 1/2   | 1/2   | 13/32     |
| II12C__FJ12MP12 | 3/4   | 3/4   | 5/8       |
| II16C__FJ16MP16 | 1     | 1     | 7/8       |
| II20C__FJ20MP20 | 1-1/4 | 1-1/4 | 1-1/8     |
| II32C__FJ32MP32 | 2     | 2     | 1-13/16   |

NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES



FJ 37° J.I.C. FEMALE FLARE FJ 37° J.I.C. FEMALE FLARE



| PART No.        | FJ    | FJ    | Hose I.D. |
|-----------------|-------|-------|-----------|
| II8C__FJ8FJ8    | 1/2   | 1/2   | 13/32     |
| II12C__FJ12FJ12 | 3/4   | 3/4   | 5/8       |
| II16C__FJ16FJ16 | 1     | 1     | 7/8       |
| II20C__FJ20FJ20 | 1-1/4 | 1-1/4 | 1-1/8     |
| II32C__FJ32FJ32 | 2     | 2     | 1-13/16   |

NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES

## EnviroCore™ C.S.A. APPROVED TYPE III PROPANE & NATURAL GAS FORKLIFT & AUTOMOTIVE HOSE ASSEMBLIES

Rubber Covered Stainless Steel Braided Hose With Thermoplastic Liner. Used For Low Permeation Applications. C.S.A. Certified to C.G.A. Standard 8.1. To Conduct Natural Gas In A Gaseous State And Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I. Temperature Range: -40°F To +250°F (-40°C To 121°C)



FS 45° S.A.E. FEMALE FLARE FS 45° S.A.E. FEMALE FLARE



| PART No.      | FS  | FS  | Hose I.D. |
|---------------|-----|-----|-----------|
| III4C__FS4FS4 | 1/4 | 1/4 | 3/16      |
| III6C__FS6FS6 | 3/8 | 3/8 | 5/16      |
| III8C__FS8FS8 | 1/2 | 1/2 | 13/32     |

NOTE: \_\_ ENTER OVERALL LENGTH IN INCHES  
FACTORY CRIMP ENDS ONLY.



LPG/CNG (Type III) UL21 hose. Our CSA / CGA 8.1 Certified hose easily passes CARB permeation requirements of 1.6g/m2-day, this hose can be used virtually anywhere.

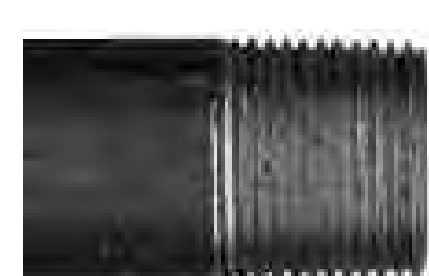


**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



## NATURAL GAS PURGE KIT

To be connected to appliance piping at dirt pocket or as close to the appliance as is practical.



NPT 3/4 x NPT 1/2 Coupling

1/2 Type I Rubber (24" long)



Thumb operated lever



| PART No.     | Description           |
|--------------|-----------------------|
| NG-PURGE-KIT | Natural Gas Purge Kit |

NPT 1/4 purging valve (automatic shut-off release)

## PROPANE TANK PURGE KIT



Fairview's propane tank purge kit has been designed to provide fast, efficient tank purging. Each kit comes complete with a pre-set 15 P.S.I. regulator, three foot flexible Type I rubber hose assembly, forged brass adapters, and a C.G.A. approved 3.16 vapor ball valve.

| PART No.     | Description                                             |
|--------------|---------------------------------------------------------|
| LP-PURGE-1   | Standard Propane Tank Purge Kit                         |
| LP-PURGE-1PG | Propane Tank Purge Kit with 0-30 PSI Dry Pressure Gauge |

## HIGH / LOW GAS PRESSURE TEST KIT



### Product Features Include:

- 35 Inches Water Column Low Pressure Gauge.
- 4" Face 0-100 PSI Accutek® Equalizer Gauge.
- Quick Disconnect / Ball Valve for gauge protection and quick High / Low Pressure measuring changes.
- 5 Interchangeable Pipe Size Adapters.
- PTFE thread Sealant tape.
- Built-in Schrader Valve.
- Flexible Type 1 rubber hose assembly.
- Hard-shell weather and impact resistant carrying case with die-cut foam insert for added component protection.

| PART No.   | Description                  |
|------------|------------------------------|
| GPTK-KIT-1 | High / Low Pressure Test Kit |

## TEST KIT



### Low Pressure Test Kits

| PART No. | Description                                      |
|----------|--------------------------------------------------|
| 2329     | Low Pressure Test Kit, 0-35" w.c. Gauge Assembly |



# STAINLESS STEEL GAS CONNECTORS

(Stationary) FOR DOMESTIC APPLIANCES

• ANSI Z21.24 - C.S.A. 6.10 "Connectors For Gas Appliances"

• ANSI Z21.75 - C.S.A. 6.27 "Connectors For Outdoor Gas Appliances And Manufactured Homes"



PART No. Example: ACS-50FM-36

| PART No.                       | CONFIGURATION                    | LENGTH IN INCHES |     |     |     |     |     |     |
|--------------------------------|----------------------------------|------------------|-----|-----|-----|-----|-----|-----|
|                                |                                  | 12"              | 18" | 24" | 36" | 48" | 60" | 72" |
| <b>3/8" O.D. (1/4" I.D.) *</b> |                                  |                  |     |     |     |     |     |     |
| ACS-250MM                      | 3/8" MNPT X 3/8" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 |     |
| ACS-250FM                      | 3/8" FNPT X 3/8" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 |     |
| ACS-250MBV                     | 1/2" FNPT BALL VALVE X 3/8" MNPT | -12              | -18 | -24 | -36 | -48 | -60 |     |
| <b>1/2" O.D. (3/8" I.D.)</b>   |                                  |                  |     |     |     |     |     |     |
| ACS-375MM                      | 3/8" MNPT X 3/8" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-375FM                      | 1/2" FNPT X 1/2" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-375MBV                     | 1/2" FNPT BALL VALVE X 3/8" MNPT | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| <b>5/8" O.D. (1/2" I.D.)</b>   |                                  |                  |     |     |     |     |     |     |
| ACS-50MM                       | 1/2" MNPT X 1/2" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-50FM                       | 1/2" FNPT X 1/2" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-50FF                       | 1/2" FNPT X 1/2" FNPT            | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-50MBV                      | 1/2" FNPT BALL VALVE X 1/2" MNPT | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-50FBV                      | 1/2" FNPT BALL VALVE X 1/2" FNPT | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| <b>3/4" O.D. (1/2" I.D.)</b>   |                                  |                  |     |     |     |     |     |     |
| ACS-75MM                       | 3/4" MNPT X 3/4" MNPT            | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-75FM                       | 3/4" FNPT X 3/4" MNPT            | -12              | 18  | -24 | -36 | -48 | -60 | -72 |
| ACS-75FF                       | 3/4" FNPT X 3/4" FNPT            | -12              | 18  | -24 | -36 | -48 | -60 | -72 |
| ACS-75MBV                      | 3/4" FNPT BALL VALVE X 3/4" MNPT | -12              | -18 | -24 | -36 | -48 | -60 | -72 |
| ACS-75FBV                      | 3/4" FNPT BALL VALVE X 3/4" FNPT | -12              | -18 | -24 | -36 | -48 | -60 | -72 |

\* 30" Lengths also available on request.

| ACS Series Gas Appliance Connector BTU Capacity / Hr.<br>(Flow capacities are based 0.64 specific gravity @ 0.5" w.c. pressure drop) |         |         |         |         |         |         |         |         |
|--------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| Nominal (I.D. inches)                                                                                                                | 12"     | 18"     | 24"     | 30"     | 36"     | 48"     | 60"     | 72"     |
| 1/4                                                                                                                                  | 48,000  | 43,800  | 40,000  | 36,400  | 33,400  | 28,300  | 24,900  | 23,100  |
| 3/8                                                                                                                                  | 102,000 | 93,100  | 85,000  | 77,100  | 71,100  | 60,500  | 53,200  | 49,100  |
| 1/2                                                                                                                                  | 180,000 | 164,200 | 150,000 | 136,000 | 125,000 | 106,000 | 93,200  | 86,000  |
| 3/4                                                                                                                                  |         |         | 290,900 | 270,500 | 255,900 | 215,000 | 197,400 | 173,900 |
| 1                                                                                                                                    |         |         | 581,800 | 545,200 | 515,900 | 442,700 | 398,900 | 347,800 |

The above stationary connectors may be used with: Natural, manufactured, mixed liquefied petroleum gases, and LP gas-air mixtures. The added protection of stainless steel is especially useful in areas where the natural gas has a high sulfur content.

Developed for use in: Household Kitchens • Utility Rooms • Laundry Rooms • Pulse Combustion Furnaces (AGAL) • Forced Air Heating Units • Rooftop HVAC Units • Campfire Log Sets • Fireplaces.

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



# STAINLESS STEEL GAS CONNECTORS

(Stationary) FOR DOMESTIC APPLIANCES

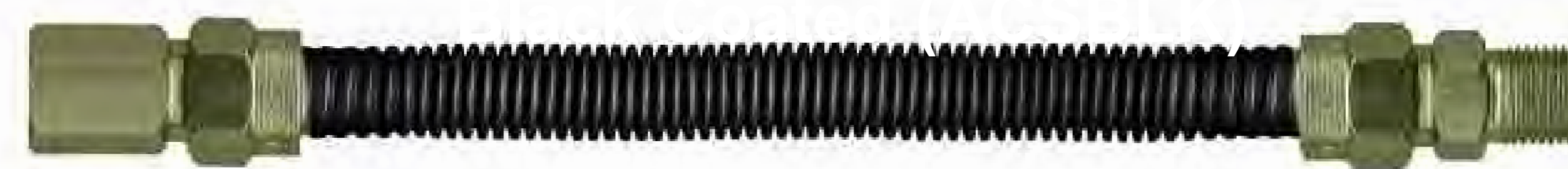


• ANSI Z21.24 - C.S.A. 6.10 "Connectors For Gas Appliances"

• ANSI Z21.75 - C.S.A. 6.27 "Connectors For Outdoor Gas Appliances And Manufactured Homes"



50, 250, 375 SERIES  
AVAILABLE  
WITHOUT COATING  
(ACSB-)



250 & 375 SERIES  
AVAILABLE WITH BLACK  
COATING (BLK)  
WHISTLE FREE  
(-WF)



PART No. Example: ACSBLK-250FM-24

| PART No.                                               | CONFIGURATION                    | LENGTH IN INCHES |     |     |     |
|--------------------------------------------------------|----------------------------------|------------------|-----|-----|-----|
|                                                        |                                  | 12"              | 18" | 24" | 30" |
| <b>3/8" O.D. (1/4" I.D.) Black Coated</b>              |                                  |                  |     |     |     |
| ACSBLK-250F6M8                                         | 1/2" MNPT X 3/8" FNPT            | -12              | -18 | -24 | -30 |
| ACSBLK-250F8M8                                         | 1/2" MNPT X 1/2" FNPT            | -12              | -18 | -24 | -30 |
| ACSBLK-250FM                                           | 3/8" MNPT X 3/8" FNPT            | -12              | -18 | -24 | -30 |
| ACSBLK-250M8BV                                         | 1/2" MNPT X 1/2" FNPT BALL VALVE | -12              | -18 | -24 | -30 |
| <b>1/2" O.D. (3/8" I.D.) Black Coated *</b>            |                                  |                  |     |     |     |
| ACSBLK-375FM                                           | 1/2" MNPT X 1/2" FNPT            | -12              | -18 | -24 | -30 |
| ACSBLK-375M6M8                                         | 3/8" MNPT X 1/2" MNPT            | -12              | -18 | -24 | -30 |
| ACSBLK-375MM                                           | 3/8" MNPT X 3/8" MNPT            | -12              | -18 | -24 | -30 |
| <b>3/8" O.D. (1/4" I.D.) Whistle Free Black Coated</b> |                                  |                  |     |     |     |
| ACSBLK-250F6M8                                         | 1/2" MNPT X 3/8" FNPT            |                  | -18 | -24 | -30 |
| ACSBLK-250F8M6                                         | 3/8" MNPT X 1/2" FNPT            |                  | -18 | -24 | -30 |
| <b>1/2" O.D. (3/8" I.D.) Whistle Free Black Coated</b> |                                  |                  |     |     |     |
| ACSBLK-375F8M6                                         | 3/8" MNPT X 1/2" FNPT            |                  | -18 | -24 | -30 |
| <b>3/8" O.D. (1/4" I.D.) Bare Steel</b>                |                                  |                  |     |     |     |
| ACSB-250F8BV                                           | 1/2" FNPT X 1/2" FNPT BALL VALVE |                  | -18 | -24 | -   |
| ACSB-250FM                                             | 3/8" MNPT X 3/8" MNPT            |                  | -18 | -24 | -   |
| <b>1/2" O.D. (3/8" I.D.) Bare Steel</b>                |                                  |                  |     |     |     |
| ACSB-375FM                                             | 3/8" MNPT X 3/8" MNPT            |                  | -18 | -24 | -30 |
| ACSB-375MBV                                            | 3/8" MNPT X 1/2" FNPT VALL VALVE |                  | -18 | -24 | -30 |

\* 36", 48", 60" and 72" Lengths also available on request.



Appliance Connector Rack PART No. ACR-8  
holds up to 32 connectors.

Fairview Carries a Wide Selection of Gas Ball Valves.



The above stationary connectors may be used with: Natural, manufactured, mixed liquefied petroleum gases, and LP gas-air mixtures. The added protection of stainless steel is especially useful in areas where the natural gas has a high sulfur content.

Developed for use in: Household Kitchens • Utility Rooms • Laundry Rooms • Pulse Combustion Furnaces (AGAL)  
• Forced Air Heating Units • Rooftop HVAC Units • Campfire Log Sets • Fireplaces.

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



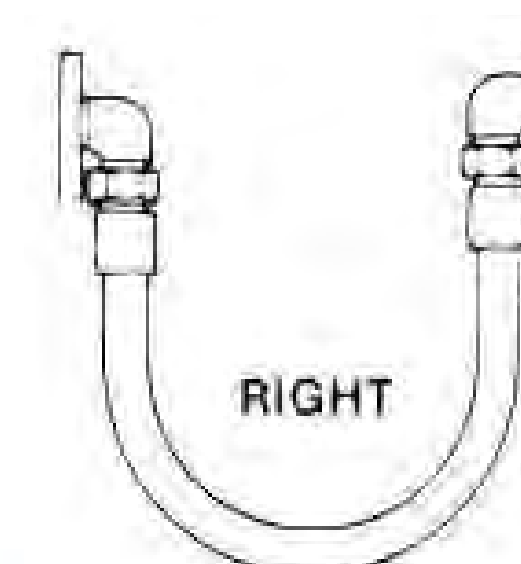
A.N.S.I. Z21.69 - C.S.A. 6.16 "Connectors for Movable Gas Appliances"

NPT  
SWIVEL

Yellow Coating      Stainless Steel Braid



NATIONAL  
SANITATION  
FOUNDATION



-QD Option (Coupler & Nipple)

**ACM Series Gas Appliance Connector BTU Capacity**  
(Flow capacities are based on 0.64 specific gravity @ 0.5" w.c. pressure drop)

| Series     | 36"     | 48"     | 60"     | 72"     |
|------------|---------|---------|---------|---------|
| ACM-50     | 125,000 | 106,000 | 95,000  | 86,000  |
| ACM-75     | 250,000 | 215,000 | 200,000 | 174,000 |
| ACM-100    | 515,000 | 443,000 | 395,000 | 348,000 |
| ACM-125    | 945,000 | 818,000 | 735,000 | 634,000 |
| ACM-50-QD  | 75,000  | 70,000  | 65,000  | 55,000  |
| ACM-75-QD  | 220,000 | 180,000 | 160,000 | 140,000 |
| ACM-100-QD | 380,000 | 335,000 | 290,000 | 280,000 |
| ACM-125-QD | 620,000 | 540,000 | 475,000 | 420,000 |

**1/2 MNPT X 1/2 MNPT**

**1 MNPT X 1 MNPT**

| PART No.          | Length (IN.) | Q.D. |
|-------------------|--------------|------|
| ACM-50-GAS-SP24   | 24           | NO   |
| ACM-50-GAS-SPQD24 | 24           | YES  |
| ACM-50-GAS-SP36   | 36           | NO   |
| ACM-50-GAS-SPQD36 | 36           | YES  |
| ACM-50-GAS-SP48   | 48           | NO   |
| ACM-50-GAS-SPQD48 | 48           | YES  |
| ACM-50-GAS-SP60   | 60           | NO   |
| ACM-50-GAS-SPQD60 | 60           | YES  |
| ACM-50-GAS-SP72   | 72           | NO   |
| ACM-50-GAS-SPQD72 | 72           | YES  |

| PART No.           | Length (IN.) | Q.D. |
|--------------------|--------------|------|
| ACM-100-GAS-SP36   | 36           | NO   |
| ACM-100-GAS-SPQD36 | 36           | YES  |
| ACM-100-GAS-SP48   | 48           | NO   |
| ACM-100-GAS-SPQD48 | 48           | YES  |
| ACM-100-GAS-SP60   | 60           | NO   |
| ACM-100-GAS-SPQD60 | 60           | YES  |
| ACM-100-GAS-SP72   | 72           | NO   |
| ACM-100-GAS-SPQD72 | 72           | YES  |

Note: Suffix PART No. with -BULK for space saving bagged packaging.

**3/4 MNPT X 3/4 MNPT**

**1-1/4 MNPT X 1-1/4 MNPT**

| PART No.          | Length (IN.) | Q.D. |
|-------------------|--------------|------|
| ACM-75-GAS-SP24   | 24           | NO   |
| ACM-75-GAS-SPQD24 | 24           | YES  |
| ACM-75-GAS-SP36   | 36           | NO   |
| ACM-75-GAS-SPQD36 | 36           | YES  |
| ACM-75-GAS-SP48   | 48           | NO   |
| ACM-75-GAS-SPQD48 | 48           | YES  |
| ACM-75-GAS-SP60   | 60           | NO   |
| ACM-75-GAS-SPQD60 | 60           | YES  |
| ACM-75-GAS-SP72   | 72           | NO   |
| ACM-75-GAS-SPQD72 | 72           | YES  |

| PART No.           | Length (IN.) | Q.D. |
|--------------------|--------------|------|
| ACM-125-GAS-SP36   | 36           | NO   |
| ACM-125-GAS-SPQD36 | 36           | YES  |
| ACM-125-GAS-SP48   | 48           | NO   |
| ACM-125-GAS-SPQD48 | 48           | YES  |
| ACM-125-GAS-SP60   | 60           | NO   |
| ACM-125-GAS-SPQD60 | 60           | YES  |
| ACM-125-GAS-SP72   | 72           | NO   |

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**



# GAS-FLO STAINLESS STEEL GAS CONNECTOR KITS

(Movable) FOR COMMERCIAL APPLIANCES



A.N.S.I. Z21.69 - C.S.A. 6.16 "Connectors for Movable Gas Appliances"

For Quick Disconnect Specifications SEE PAGE: 57



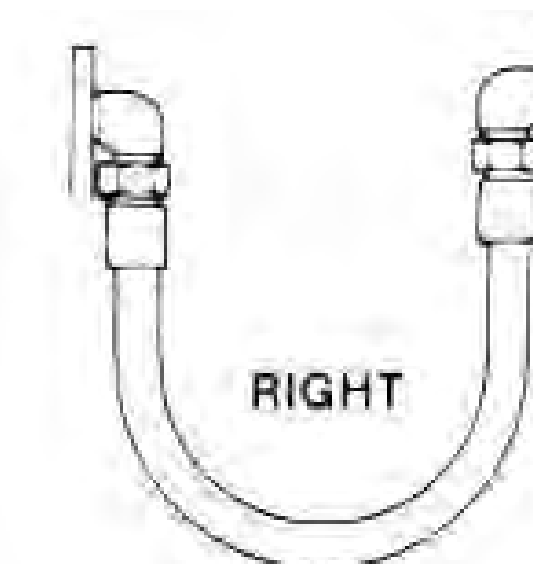
Gas Swivel Link NPT SWIVEL



Gas Nipple Swivel NPT SWIVEL



NATIONAL SANITATION FOUNDATION



RIGHT NPT SWIVEL

| PART No.      | Description                                                         | Length In (FT.) |
|---------------|---------------------------------------------------------------------|-----------------|
| ACM-50KIT-36  | 1/2" Appliance Connector Kit                                        | 3               |
| ACM-50KIT-48  | Kit Includes : (1) Forged Gas Ball Valve, (1) Restraining Cable,    | 4               |
| ACM-50KIT-60  | (1) Quick Disconnect Coupler & Nipple, (2) 90° Black Iron Elbows,   | 5               |
| ACM-50KIT-72  | (2) Black Iron Nipples & (1) Gas-Flo® Stainless Steel Gas Connector | 6               |
| ACM-75KIT-36  | 3/4" Appliance Connector Kit                                        | 3               |
| ACM-75KIT-48  | Kit Includes : (1) Forged Gas Ball Valve, (1) Restraining Cable,    | 4               |
| ACM-75KIT-60  | (1) Quick Disconnect Coupler & Nipple, (2) 90° Black Iron Elbows,   | 5               |
| ACM-75KIT-72  | (2) Black Iron Nipples & (1) Gas-Flo® Stainless Steel Gas Connector | 6               |
| ACM-100KIT-36 | 1" Appliance Connector Kit                                          | 3               |
| ACM-100KIT-48 | Kit Includes : (1) Forged Gas Ball Valve, (1) Restraining Cable,    | 4               |
| ACM-100KIT-60 | (1) Quick Disconnect Coupler & Nipple, (2) 90° Black Iron Elbows,   | 5               |
| ACM-100KIT-72 | (2) Black Iron Nipples & (1) Gas-Flo® Stainless Steel Gas Connector | 6               |

## ACCESSORIES AVAILABLE

QD Valved Coupler



| PART No.    | Pipe / QD Body |
|-------------|----------------|
| ACM-BVQD-50 | 1/2            |
| ACM-BVQD-75 | 3/4            |

360 Degree Swivel



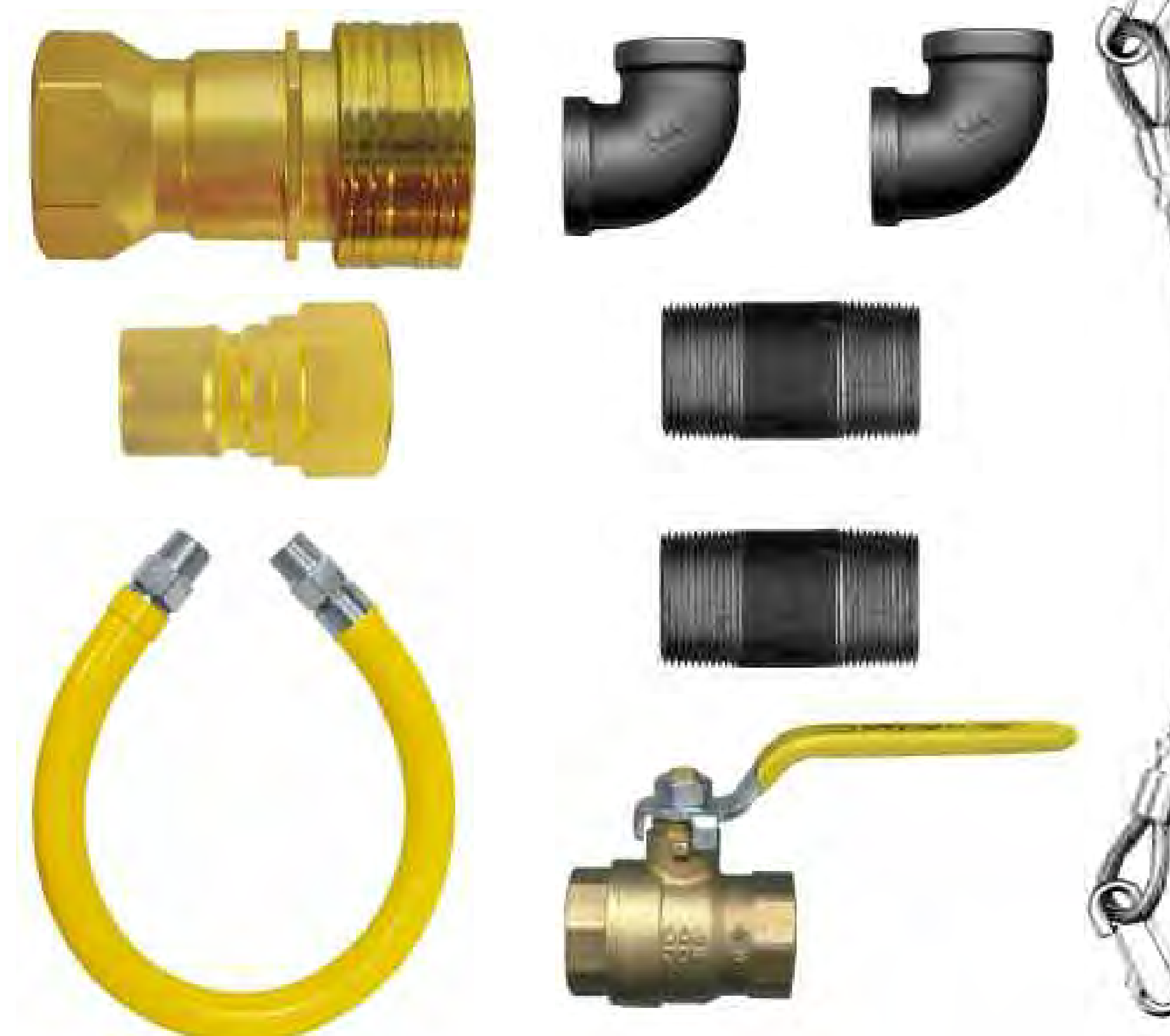
| PART No.   | Pipe Swivel |
|------------|-------------|
| ACM-AS-50  | 1/2         |
| ACM-AS-75  | 3/4         |
| ACM-AS-100 | 1           |

Gas Nipple Swivel



| PART No.      | Pipe Swivel |
|---------------|-------------|
| ACM-50-GMNSL  | 1/2         |
| ACM-75-GMNSL  | 3/4         |
| ACM-100-GMNSL | 1           |

KITS CONTAIN



- 1/2" BVQD Rated 140,000 BTU/H Natural Gas @ 0.5 PSIG with 0.6" WC pressure drop. Propane Gas CSA Rated 218,750 BTU/H @ .3" w.c. Pressure Drop.
- 3/4" BVQD Rated 240,000 BTU/H Natural Gas @ 0.5 PSIG with 0.6" WC pressure drop. Propane Gas CSA Rated 375,000 BTU/H @ .3" w.c. Pressure Drop.

**Ask About Buying in Bulk Quantities**  
**ACM-50-GAS-SP48-BULK**

(Assembly Only; bagged with header card)

## Gas Swivel Link



| PART No.   | Swivel Pipe |
|------------|-------------|
| ACM-50-SL  | 1/2         |
| ACM-75-SL  | 3/4         |
| ACM-100-SL | 1           |

Reduces hose stress without restricting flow.

## Safety Cables



| PART No.       | Length In (IN.) |
|----------------|-----------------|
| ACM-GAS-RCP-22 | 22              |
| ACM-GAS-RCP-34 | 34              |
| ACM-GAS-RCP-36 | 36              |
| ACM-GAS-RCP-46 | 46              |
| ACM-GAS-RCP-58 | 58              |

STAINLESS STEEL SAFETY CABLES ARE RECOMMENDED FOR USE ON CASTOR MOUNTED EQUIPMENT TO LIMIT THEIR MOBILITY.

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**

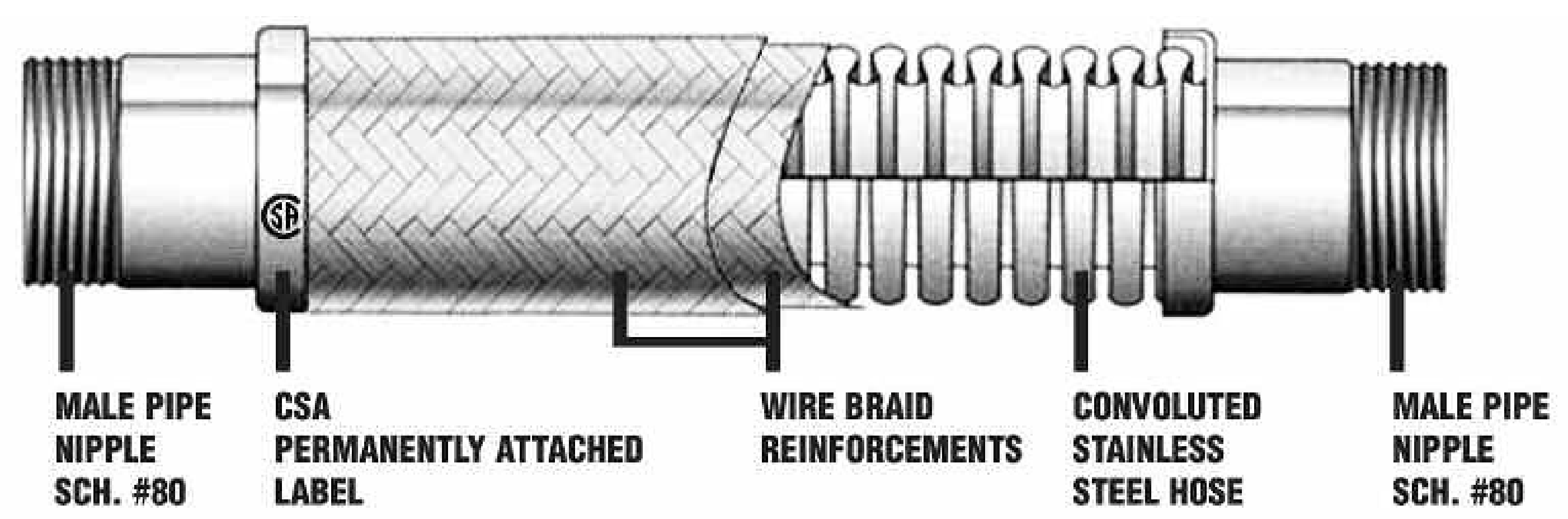




# STAINLESS STEEL C.S.A. METAL HOSE ASSEMBLIES

C.S.A. Approved To Standard CR 96-001 Flexible Metal Hoses

STANDARD ENDS  
ARE FIXED  
CARBON STEEL



## HOW TO ORDER FACTORY MADE STAINLESS STEEL HOSE ASSEMBLIES

## HOSE CODE DESCRIPTIONS

## HOSE & FITTING SIZE CHART

**EXAMPLE PART No.:** SSH12C48FJ8MP8C

**BREAKDOWN:**

SSH 12 C 48 FJ 8 MP 8  
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① ENTER HOSE CODE, **SSH** (CONVOLUTED STAINLESS STEEL BRAIDED HOSE)  
 ② ENTER HOSE I.D. SIZE: **12** = 3/4" I.D. HOSE  
 ③ PERMANENT ENDS: **C** (WELDED)  
 ④ OVERALL LENGTH OF ASSEMBLY IN INCHES. **48**  
 ⑤ HOSE END FITTING CODE #1\* **FJ**: FEMALE JIC .  
 ⑥ HOSE END FITTING SIZE #1: **8** = 1/2" (NPT)  
 ⑦ HOSE END FITTING CODE #2 **MP**: MALE PIPE  
 ⑧ HOSE END FITTING SIZE #2: **8** = 1/2" (NPT)

**SSH** CONVOLUTED STAINLESS STEEL BRAIDED COVER  
 ①

**SST** AS ABOVE WITH PTFE CORE  
 ①

### HOSE END FITTING CODES

**FJ** FEMALE J.I.C.  
**FLF** FLOATING FLANGE  
**FLX** FIXED FLANGE  
**FP** FEMALE PIPE  
**FS** FEMALE S.A.E.  
**MP** MALE PIPE

| ②  | ⑥ | ⑧      |
|----|---|--------|
| 4  | = | 1/4"   |
| 6  | = | 3/8"   |
| 8  | = | 1/2"   |
| 10 | = | 5/8"   |
| 12 | = | 3/4"   |
| 16 | = | 1"     |
| 20 | = | 1-1/4" |
| 24 | = | 1-1/2" |
| 32 | = | 2"     |
| 40 | = | 2-1/2" |
| 48 | = | 3"     |
| 64 | = | 4"     |
| 96 | = | 6"     |

**NOTE:** \*List the hose end fitting codes in alphabetical order. (All assemblies, cleaned, capped, tested and tagged.) Max. Rated Working Pressures (1/4" To 2") 350 PSIG (2-1/2" To 3") 250 PSIG (4" To 6") 200 PSIG

## TUBE TYPE INFRARED HEATER ASSEMBLIES

Certified For Canadian Use Only

• Certified to CSA-8.1

FEMALE PIPE ADAPTER  
46-8D



MALE PIPE ADAPTER  
48-8D



| RHK Series BTU Capacity<br>(Flow capacities are based 0.64 specific gravity @ 0.5" w.c. pressure drop) |         |         |         |
|--------------------------------------------------------------------------------------------------------|---------|---------|---------|
| Series                                                                                                 | 30"     | 36"     | 42"     |
| RHK-50                                                                                                 | 132,000 | 122,000 | 117,000 |
| RHK-75                                                                                                 | 235,000 | 216,000 | 198,000 |
| RHK-100                                                                                                | 504,000 | 450,000 | 438,000 |



"Utilizing straight through fittings with no restrictions" Available in 1" and larger sizes.

| 1/2 FPT X 1/2 FPT<br>1/2" I.D. HOSE |              | 1/2 FPT X 1/2 NPT<br>1/2" I.D. HOSE |              | 1/2 NPT X 1/2 NPT<br>1/2" I.D. HOSE |              | 3/4 FPT X 3/4 FPT<br>3/4" I.D. HOSE |              | 3/4 FPT X 3/4 NPT<br>3/4" I.D. HOSE |              | 3/4 NPT X 3/4 NPT<br>3/4" I.D. HOSE |              |
|-------------------------------------|--------------|-------------------------------------|--------------|-------------------------------------|--------------|-------------------------------------|--------------|-------------------------------------|--------------|-------------------------------------|--------------|
| PART No.                            | Length (IN.) | PART No.                            | Length (IN.) | PART No.                            | Length (IN.) | PART No.                            | Length (IN.) | PART No.                            | Length (IN.) | PART No.                            | Length (IN.) |
| RHK-50FF-30                         | 30           | RHK-50FM-30                         | 30           | RHK-50MM-30                         | 30           | RHK-75FF-30                         | 30           | RHK-75FM-30                         | 30           | RHK-75MM-30                         | 30           |
| RHK-50FF-36                         | 36           | RHK-50FM-36                         | 36           | RHK-50MM-36                         | 36           | RHK-75FF-36                         | 36           | RHK-75FM-36                         | 36           | RHK-75MM-36                         | 36           |

**TO BE INSTALLED BY LICENSED GAS FITTERS ONLY.**





**TUBE**

**ALUMINUM - COPPER - NYLON - POLY - STEEL**

AIR BRAKE TUBE D.O.T. ....144  
 ALUMINUM TUBE .....151  
 BRAKE LINE ASSEMBLIES -STEEL .....152  
 COPPER TUBE .....149 - 151  
 FUEL LINE - CLEAR TUBE .....146  
 GAS PIGTAILS AND HOGTAILS (COPPER) .....148  
 NYLON TUBE .....145  
 POLYETHYLENE TUBE .....147  
 POLYETHYLENE TUBE - JOHN GUEST .....147  
 POLYURETHANE (FUEL LINE) TUBE .....146  
 P.V.C. - CLEAR TUBE .....146  
 STEEL TUBE (S.A.E. 527) .....151  
 STEEL BRAKE LINE ASSEMBLIES .....152  
 TAPE - PIPE LINE IDENTIFICATION .....149

D

**Note:**

Use of Fairview Hose and Tube with other than Fairview original recommended fittings, may void warranty. Verify with a Fairview representative prior to installation.







STANDARD  
COLOR IS  
BLACK



100 FT  
COIL

Air brake tube is designed for use with truck, trailer and other mobile air brake and auxiliary systems.

This lightweight, flexible and UV stabilized tube is highly resistant to abrasion, oil, grease and road salt.

- **COLORS:** Black, Blue, Green, Orange, Red, Yellow.  
*Other colors quoted on request. Minimum runs may apply.*
  - **TEMPERATURE:** -85°F to +200°F, -65°C to +93°C
  - **PACKAGING:** Reels, Coils -50, -100
  - **FITTINGS:** 1400 or PC1400 Series (Page 37 - 39)  
800 Series Page 8
  - **MEETS OR EXCEEDS:** D.O.T. F.M.V.S.S. 106  
S.A.E. J844 TEST REQUIREMENTS
- \* **NOTE:** 1/8 does not comply with F.M.V.S.S. 106  
 \*\***NOTE:** S.A.E. does not recognize 5/32 O.D. for airbrake systems.

### TYPE 3B REINFORCED

| PART No.        | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.) | Reel-Coil Length (FT.) |
|-----------------|-----------------|----------------------|---------------------------|------------------------|
| 1485-6-100      | 3/8             | 0.062                | 350                       | 100                    |
| 1485-6-REEL     | 3/8             | 0.062                | 350                       | 500                    |
| 1485-6BLU-100   | 3/8             | 0.062                | 350                       | 100                    |
| 1485-6BLU-REEL  | 3/8             | 0.062                | 350                       | 500                    |
| 1485-6GRN-100   | 3/8             | 0.062                | 350                       | 100                    |
| 1485-6GRN-REEL  | 3/8             | 0.062                | 350                       | 500                    |
| 1485-6ORA-100   | 3/8             | 0.062                | 350                       | 100                    |
| 1485-6ORA-REEL  | 3/8             | 0.062                | 350                       | 500                    |
| 1485-6RED-100   | 3/8             | 0.062                | 350                       | 100                    |
| 1485-6RED-REEL  | 3/8             | 0.062                | 350                       | 500                    |
| 1485-6YEL-100   | 3/8             | 0.062                | 350                       | 100                    |
| 1485-6YEL-REEL  | 3/8             | 0.062                | 350                       | 500                    |
| 1485-8-100      | 1/2             | 0.062                | 240                       | 100                    |
| 1485-8-REEL     | 1/2             | 0.062                | 240                       | 500                    |
| 1485-8BLU-100   | 1/2             | 0.062                | 240                       | 100                    |
| 1485-8BLU-REEL  | 1/2             | 0.062                | 240                       | 500                    |
| 1485-8GRN-100   | 1/2             | 0.062                | 240                       | 100                    |
| 1485-8GRN-REEL  | 1/2             | 0.062                | 240                       | 500                    |
| 1485-8ORA-100   | 1/2             | 0.062                | 240                       | 100                    |
| 1485-8ORA-REEL  | 1/2             | 0.062                | 240                       | 500                    |
| 1485-8RED-100   | 1/2             | 0.062                | 240                       | 100                    |
| 1485-8RED-REEL  | 1/2             | 0.062                | 240                       | 500                    |
| 1485-8YEL-100   | 1/2             | 0.062                | 240                       | 100                    |
| 1485-8YEL-REEL  | 1/2             | 0.062                | 240                       | 500                    |
| 1485-10-100     | 5/8             | 0.092                | 225                       | 100                    |
| 1485-10-REEL    | 5/8             | 0.092                | 225                       | 250                    |
| 1485-10GRN-100  | 5/8             | 0.092                | 225                       | 100                    |
| 1485-10GRN-REEL | 5/8             | 0.092                | 225                       | 250                    |
| 1485-10ORA-100  | 5/8             | 0.092                | 225                       | 100                    |
| 1485-10ORA-REEL | 5/8             | 0.092                | 225                       | 250                    |
| 1485-10RED-100  | 5/8             | 0.092                | 225                       | 100                    |
| 1485-10RED-REEL | 5/8             | 0.092                | 225                       | 250                    |
| 1485-10YEL-100  | 5/8             | 0.092                | 225                       | 100                    |
| 1485-10YEL-REEL | 5/8             | 0.092                | 225                       | 250                    |
| 1485-12-100     | 3/4             | 0.092                | 200                       | 100                    |
| 1485-12-REEL    | 3/4             | 0.092                | 200                       | 250                    |
| 1485-12BLU-100  | 3/4             | 0.092                | 200                       | 100                    |
| 1485-12BLU-REEL | 3/4             | 0.092                | 200                       | 250                    |
| 1485-12GRN-100  | 3/4             | 0.092                | 200                       | 100                    |
| 1485-12GRN-REEL | 3/4             | 0.092                | 200                       | 250                    |
| 1485-12ORA-100  | 3/4             | 0.092                | 200                       | 100                    |
| 1485-12ORA-REEL | 3/4             | 0.092                | 200                       | 250                    |
| 1485-12RED-REEL | 3/4             | 0.092                | 200                       | 250                    |

### TYPE 3A NON-REINFORCED

| PART No.           | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.) | Reel-Coil Length (FT.) |
|--------------------|-----------------|----------------------|---------------------------|------------------------|
| * 1485-2-100       | 1/8             | 0.023                | 250                       | 100                    |
| * 1485-2-REEL      | 1/8             | 0.023                | 250                       | 2000                   |
| ** 1485-2-1/2-100  | 5/32            | 0.036                | 250                       | 100                    |
| ** 1485-2-1/2-REEL | 5/32            | 0.036                | 250                       | 1000                   |
| 1485-3-100         | 3/16            | 0.035                | 250                       | 100                    |
| 1485-3-REEL        | 3/16            | 0.035                | 250                       | 1000                   |
| 1485-4-100         | 1/4             | 0.040                | 300                       | 100                    |
| 1485-4-REEL        | 1/4             | 0.040                | 300                       | 1000                   |
| 1485-4BLU-100      | 1/4             | 0.040                | 300                       | 100                    |
| 1485-4BLU-REEL     | 1/4             | 0.040                | 300                       | 1000                   |
| 1485-4GRN-100      | 1/4             | 0.040                | 300                       | 100                    |
| 1485-4GRN-REEL     | 1/4             | 0.040                | 300                       | 1000                   |
| 1485-4ORA-100      | 1/4             | 0.040                | 300                       | 100                    |
| 1485-4ORA-REEL     | 1/4             | 0.040                | 300                       | 1000                   |
| 1485-4RED-100      | 1/4             | 0.040                | 300                       | 100                    |
| 1485-4RED-REEL     | 1/4             | 0.040                | 300                       | 1000                   |
| 1485-4YEL-100      | 1/4             | 0.040                | 300                       | 100                    |
| 1485-4YEL-REEL     | 1/4             | 0.040                | 300                       | 1000                   |
| 1485-5-100         | 5/16            | 0.040                | 250                       | 100                    |
| 1485-5-REEL        | 5/16            | 0.040                | 250                       | 500                    |

**NOTE:**

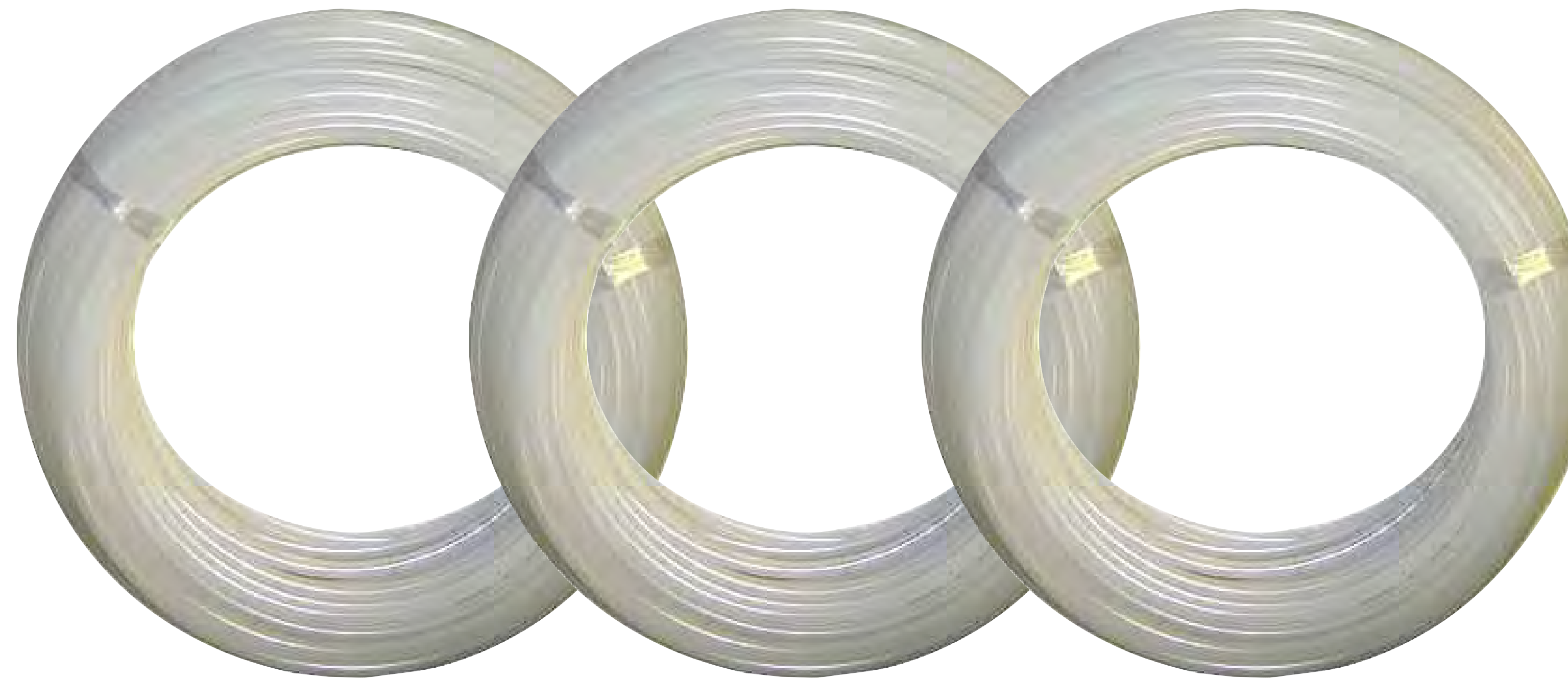
THE WORKING PRESSURES LISTED FOR THIS TUBE IS RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES.





NATURAL  
(OPAQUE)

100 FT  
Coils



Nylon tube has high mechanical properties, extremely high pressure rating and a wide temperature range. The loss of mechanical strength at elevated temperatures is much less than with other types of plastic tube. It retains its flexibility at sub-zero temperatures.

Nylon tube is odorless, tasteless, non-toxic, fungus and corrosion resistant, readily sterilized in steam or boiling water.

This tube has excellent chemical resistance being unaffected by gasoline, oils, greases, and organic solvents.

Lighter than metal, nylon tube makes for ease in handling and installing. Used with nylon fittings, it provides a completely corrosion resistant tube system. This tube is not recommended for use with strong mineral acids, strong oxidizing agents such as hydrogen peroxide, bleach solutions, phenols and creosols.

Dark colors have a better U.V. resistance for outdoor applications

- **PACKAGING:** 100 FT COILS  
**NOTE:** Reels are available (Minimum run quantities apply)
- **TEMPERATURE:** -50°F to +180°F, -45°C to +82°C
- **FITTINGS:** 260 Series (Page 10)  
1500 Series (Page 14 - 15)  
PC Series (Page 26 - 27)  
**colors quoted on request**
- **stocked in natural colors (OPAQUE)**

**NOTE:**

THE WORKING PRESSURES LISTED FOR THIS TUBE IS RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES.

| TYPE 6 (SEMI-RIGID) |                    |                      |                   |                               |
|---------------------|--------------------|----------------------|-------------------|-------------------------------|
| PART No.            | Tube O.D.<br>(IN.) | Actual I.D.<br>(IN.) | Wall<br>Thickness | Working<br>Pressure<br>P.S.I. |
| 486-2-100           | 1/8                | .094                 | .0155             | 600                           |
| 486-2-1/2-100       | 5/32               | .106                 | .025              | 530                           |
| 486-3-100           | 3/16               | .137                 | .0255             | 530                           |
| 486-4-100           | 1/4                | .180                 | .035              | 430                           |
| 486-5-100           | 5/16               | .232                 | .0405             | 400                           |
| 486-6-100           | 3/8                | .275                 | .050              | 400                           |
| 486-8-100           | 1/2                | .375                 | .0625             | 340                           |

| TYPE 11 (FLEXIBLE) |                    |                      |                   |                                 |
|--------------------|--------------------|----------------------|-------------------|---------------------------------|
| PART No.           | Tube O.D.<br>(IN.) | Actual I.D.<br>(IN.) | Wall<br>Thickness | Working<br>Pressure<br>(P.S.I.) |
| 485-2-100          | 1/8                | .091                 | .0155             | 595                             |
| 485-2-1/2-100      | 5/32               | .106                 | .025              | 530                             |
| 485-3-100          | 3/16               | .137                 | .0255             | 530                             |
| 485-4-100          | 1/4                | .180                 | .035              | 430                             |
| 485-5-100          | 5/16               | .232                 | .0405             | 400                             |
| 485-6-100          | 3/8                | .275                 | .050              | 400                             |
| 485-8-100          | 1/2                | .375                 | .0625             | 340                             |

| TYPE 11 (HEAVY WALL) |                    |                      |                   |                                 |
|----------------------|--------------------|----------------------|-------------------|---------------------------------|
| PART No.             | Tube O.D.<br>(IN.) | Actual I.D.<br>(IN.) | Wall<br>Thickness | Working<br>Pressure<br>(P.S.I.) |
| 487-2-100            | 1/8                | .078                 | .0235             | 680                             |
| 487-4-100            | 1/4                | .170                 | .040              | 460                             |

Colors quoted  
on request.  
Minimums apply.



D



**CLEAR VINYL TUBE**

Certain Sizes Now Available  
Packaged x 10 Ft. (Series JFTA)



| PART No.    | O.D. | I.D. | FT. |
|-------------|------|------|-----|
| JFTA-42-10P | 1/4  | 1/8  | 10  |
| JFTA-53-10P | 5/16 | 3/16 | 10  |
| JFTA-64-10P | 3/8  | 1/4  | 10  |
| JFTA-75-10P | 7/16 | 5/16 | 10  |
| JFTA-86-10P | 1/2  | 3/8  | 10  |



**CERTIFIED UNDER STANDARD 51 and 61**

Clear polyvinyl-chloride tube is manufactured from F.D.A. approved resins.

It is clear, flexible, easy to clean, abrasion resistant and non-contaminating.

It is suitable for the conveyance of air, and water and is used extensively where food and beverages are conveyed.

**NOTE**

THE WORKING PRESSURES LISTED FOR THE VINYL TUBE IS RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES. THIS TUBE IS NOT RECOMMENDED FOR MILK CONTACT, ALCOHOL (LIQUOR) OR MEDICAL APPLICATIONS.

- **PACKAGING:** 100 FT COILS 1/8" TO 1-1/4" I.D.  
500 FT REELS 1/8" TO 1/2" I.D.  
300 FT REELS 5/8" TO 1" I.D.  
50 FT COIL 1-1/2" I.D.

**NOTE:** TO ORDER REEL LENGTHS CHANGE -100 TO -REEL

- **TEMPERATURE:** +25°F TO +149°F, -4°C TO +65°C
- **FITTINGS:** Hose barbs (Page 68 - 69)
- \* **THESE ITEMS ARE ALSO AVAILABLE IN REELS.**  
(CHANGE -100 TO -REEL)

| PART No.       | Tube O.D. (IN.) | Actual I.D. (IN.) | Working Pressure (P.S.I.) |
|----------------|-----------------|-------------------|---------------------------|
| JFT-42-100     | 1/4             | 1/8               | 65                        |
| JFT-53-100     | 5/16            | 3/16              | 55                        |
| JFT-63-100 *   | 3/8             | 3/16              | 65                        |
| JFT-64-100     | 3/8             | 1/4               | 55                        |
| JFT-74-100 *   | 7/16            | 1/4               | 60                        |
| JFT-75-100 *   | 7/16            | 5/16              | 50                        |
| JFT-84-100 *   | 1/2             | 1/4               | 70                        |
| JFT-85-100     | 1/2             | 5/16              | 60                        |
| JFT-86-100     | 1/2             | 3/8               | 45                        |
| JFT-106-100 *  | 5/8             | 3/8               | 55                        |
| JFT-108-100    | 5/8             | 1/2               | 30                        |
| JFT-128-100    | 3/4             | 1/2               | 45                        |
| JFT-1210-100*  | 3/4             | 5/8               | 30                        |
| JFT-1310-100*  | 13/16           | 5/8               | 30                        |
| JFT-1410-100   | 7/8             | 5/8               | 40                        |
| JFT-1612-100   | 1               | 3/4               | 35                        |
| JFT-1812-100   | 1-1/8           | 3/4               | 50                        |
| JFT-2014-100 * | 1-1/4           | 7/8               | 35                        |
| JFT-2016-100   | 1-1/4           | 1                 | 25                        |
| JFT-2416-100 * | 1-1/2           | 1                 | 35                        |
| JFT-2420-100 * | 1-1/2           | 1-1/4             | 20                        |
| JFT-3224-50    | 2               | 1-1/2             | 35                        |

**POLYURETHANE (FUEL LINE) CLEAR TUBE**



This Ether based polyurethane tube has been specially formulated for use with gasoline and is also suitable for such applications as air transfer lines, granular transfer lines, lubrication lines and robotics control lines. It is clear with a blue tint to allow see-through convenience. Polyurethane tube features abrasion and cut resistance, good flex fatigue and resilience and excellent resistance to ozone, solvents and fuel. Items and colors not shown are subject to minimum runs.

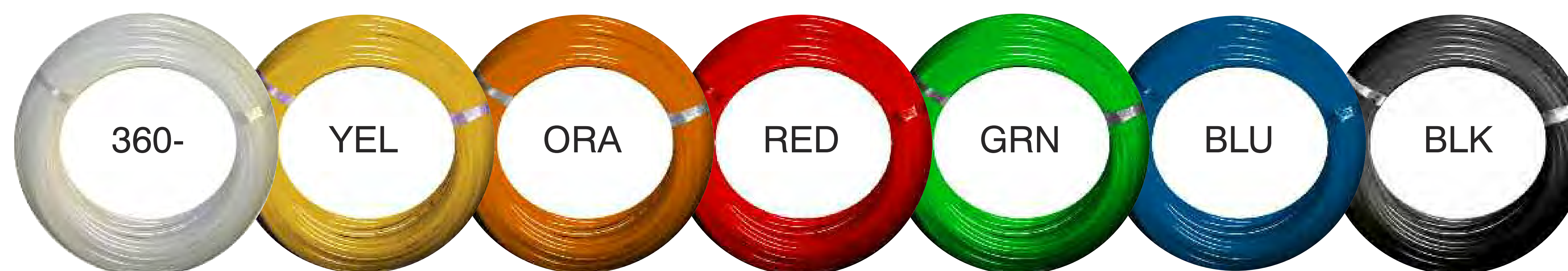
- **PACKAGING:** 100 FT COILS
- **TEMPERATURE:** -40°F to +175°F, -40°C to +79°C
- **FITTINGS:** Hose barbs (Page 68 - 69)
- **FOR FUEL LINE HOSE** (Page 109)

**NOTE:**

WORKING PRESSURE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE WORKING PRESSURE.

| PART No.    | Tube O.D. (IN.) | Actual I.D. (IN.) | Wall Thickness | Working Pressure P.S.I. |
|-------------|-----------------|-------------------|----------------|-------------------------|
| FLT-42-100  | 1/4             | 1/8               | 1/16           | 100                     |
| FLT-53-100  | 5/16            | 3/16              | 1/16           | 75                      |
| FLT-64-100  | 3/8             | 1/4               | 1/16           | 60                      |
| FLT-75-100  | 7/16            | 5/16              | 1/16           | 50                      |
| FLT-86-100  | 1/2             | 3/8               | 1/16           | 45                      |
| FLT-128-100 | 3/4             | 1/2               | 1/8            | 60                      |





Polyethylene tube is manufactured from F.D.A. approved resins. It has very low moisture absorption. It is fungus resistant, non-corrosive, and highly resistant to stress cracking.

It is suitable for air and water applications and is used for beverage and soda transfer.

It is available in two types, low and high density. Low density provides flexibility and high density, while not as flexible, has a higher temperature and pressure rating.

### NOTE

THE WORKING PRESSURES LISTED FOR THE POLY TUBES ARE RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES. THESE TUBES ARE NOT RECOMMENDED FOR MILK CONTACT.

### ORDERING INFORMATION

- **PACKAGING:** 100 FT. COILS  
500 AND 1000 FT. REELS ON 360 TUBE  
TO ORDER REELS CHANGE -100 TO -500 OR -1000
- **TEMPERATURE:** LOW DENSITY -40°F to +160°F, -40°C to +71°C  
HIGH DENSITY -40°F to +250°F, -40°C to +121°C
- **FITTINGS:** 400 Series (Page 13)  
500 Series (Page 14 - 15)  
PC Series (Page 26 - 27)  
900 Series (Page 74)  
JOHN GUEST (Page 20 - 24)
- **COLOR CODES:** 360 series only: BLK (Black), BLU (Blue), GRN (Green), ORA (ORANGE), Red (Red), YEL (Yellow)  
**NOT ALL SIZES ARE AVAILABLE IN ALL COLORS. MINIMUM RUNS MAY APPLY.**

### WARNING

USE OF THIS TUBE WITH FITTINGS OTHER THAN FAIRVIEW ORIGINAL WILL VOID WARRANTY.

**NOTE:** To order a color suffix the size code with a color code  
**Example:** 360-6GRN-100, 360-6RED-1000. For natural color (opaque) omit the color code. Dark colors have better U.V. resistance for outdoor applications.

| LOW DENSITY |                 |                   |                |                           | HIGH DENSITY |                 |                   |                |                           |
|-------------|-----------------|-------------------|----------------|---------------------------|--------------|-----------------|-------------------|----------------|---------------------------|
| PART No.    | Tube O.D. (IN.) | Actual I.D. (IN.) | Wall Thickness | Working Pressure (P.S.I.) | PART No.     | Tube O.D. (IN.) | Actual I.D. (IN.) | Wall Thickness | Working Pressure (P.S.I.) |
| 360-4-100   | 1/4             | .170              | .040           | 125                       | 359-4-100    | 1/4             | .170              | .040           | 250                       |
| 360-4-1000  | 1/4             | .170              | .040           | 125                       | 359-4-1000   | 1/4             | .170              | .040           | 250                       |
| 360-4H-100  | 1/4             | .125              | .062           | 170                       | 359-4H-100   | 1/4             | .125              | .062           | 280                       |
| 360-5-100   | 5/16            | .187              | .062           | 130                       | 359-5-100    | 5/16            | .187              | .062           | 250                       |
| 360-6-100   | 3/8             | .250              | .062           | 100                       | 359-6-100    | 3/8             | .250              | .062           | 250                       |
| 360-8-100   | 1/2             | .375              | .062           | 90                        | 359-8-100    | 1/2             | .375              | .062           | 250                       |
| 360-10-100  | 5/8             | .500              | .062           | 80                        | 359-10-100   | 5/8             | .500              | .062           | 160                       |
| 360-12-100  | 3/4             | .625              | .062           | 60                        | 359-12-100   | 3/4             | .600              | .075           | 160                       |

## John Guest® LINEAR LOW DENSITY POLYETHYLENE TUBE

The John Guest PE Range of plastic tubing is produced in LLDPE (Linear Low Density Polyethylene) for cold and intermittent hot water applications. N denotes natural color. To request other colors please refer to the table below. John Guest Polyethylene tubing is designed for use with John Guest Super Speedfit push-fit fittings, John Guest Shut-Off Valves and virtually all standard tube connectors.



### Standard Colors Available:

-N=Natural, -B=Blue, -E=Black, -R=Red, -W=White

### Other special colors available on request:

-O=Orange, -G=Green, -Y=Yellow

### Features:

Linear low density polyethylene Suitable for cold and intermittent hot water applications. Broad chemical compatibility

FDA and NSF certified

Strong, flexible and robust.



5/16 and 1/2 tube sizes are also available on request.

Metric sizes available.

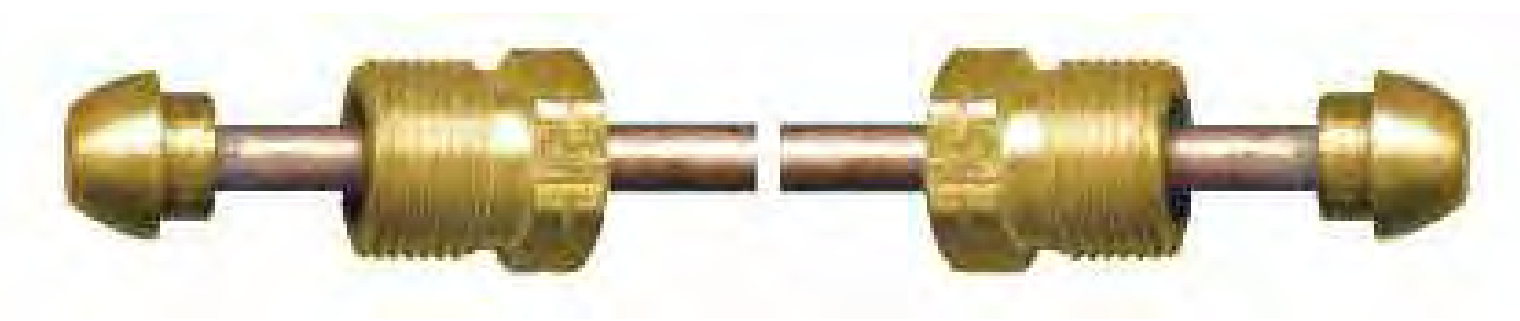
| PART No.         | Color   | Tube O.D. (In.) | Length (Ft.) | Working Pressure (PSI) |
|------------------|---------|-----------------|--------------|------------------------|
| PE-08-BI-0500F-B | Blue    | 1/4             | 500          | 145                    |
| PE-08-BI-0500F-E | Black   | 1/4             | 500          | 145                    |
| PE-08-BI-0500F-G | Green   | 1/4             | 500          | 145                    |
| PE-08-BI-0500F-N | Natural | 1/4             | 500          | 145                    |
| PE-08-BI-0500F-R | Red     | 1/4             | 500          | 145                    |
| PE-08-BI-0500F-W | White   | 1/4             | 500          | 145                    |
| PE-10-CI-0500F-N | Natural | 5/16            | 500          | 145                    |
| PE-12-EI-0500F-B | Blue    | 3/8             | 500          | 100                    |
| PE-12-EI-0500F-E | Black   | 3/8             | 500          | 100                    |



## PIGTAILS

**GAS-FLO COPPER TUBE FOR PIGTAILS IS 1/4" O.D. BY .049 WALL.**

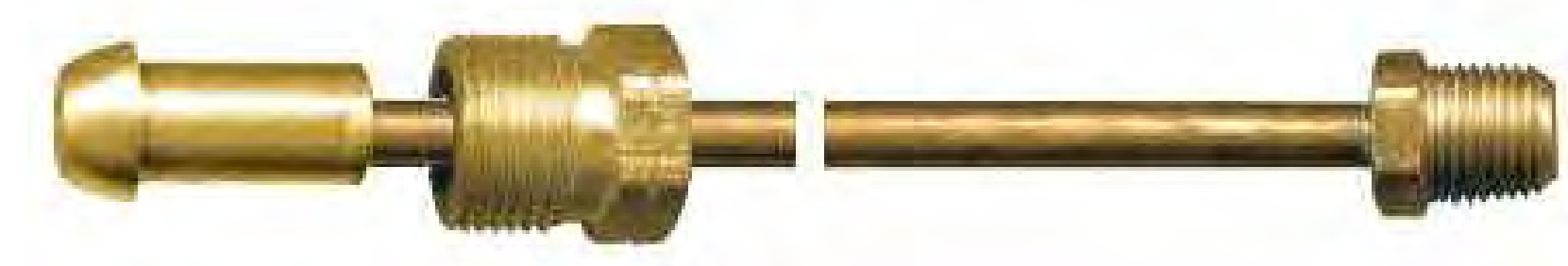
Propane gas copper pigtails and hogtails provide a flexible connection between the container valve and the regulator.



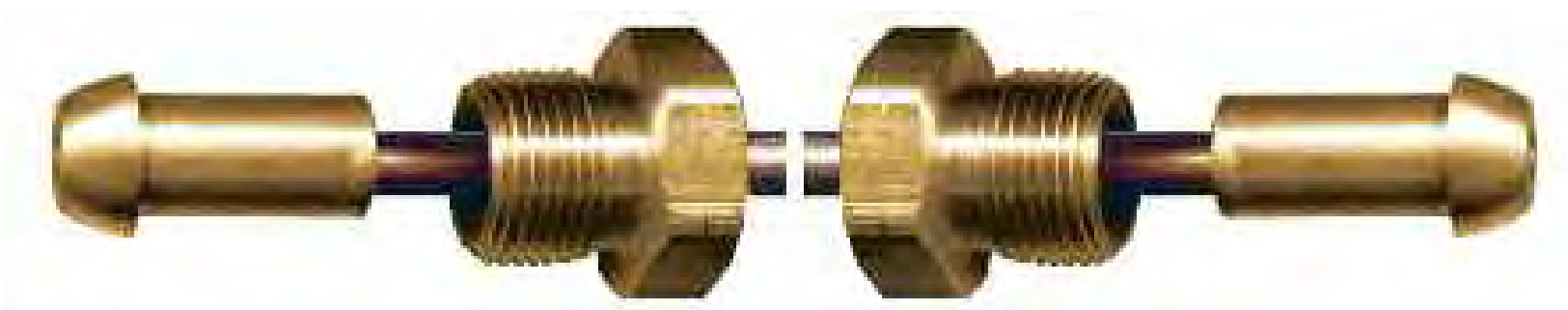
|                              |                              |
|------------------------------|------------------------------|
| <b>P.O.L.<br/>SHORT NOSE</b> | <b>P.O.L.<br/>SHORT NOSE</b> |
|                              | <b>Length<br/>(IN.)</b>      |
| <b>PART No.</b>              |                              |
| CP-2012                      | 12                           |
| CP-2020                      | 20                           |
| CP-2030                      | 30                           |
| CP-2036                      | 36                           |
| CP-2048                      | 48                           |



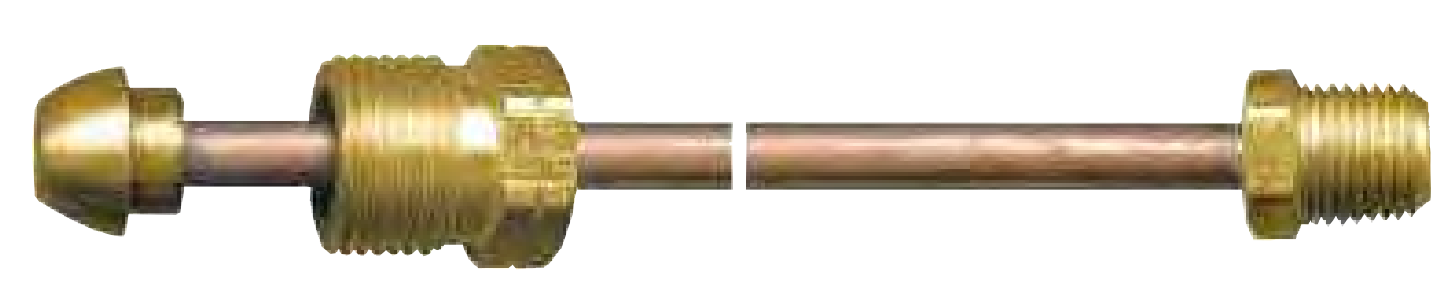
|                                                  |                                                          |
|--------------------------------------------------|----------------------------------------------------------|
| <b>P.O.L.<br/>LONG NOSE<br/>(1-1/8" HEX NUT)</b> | <b>1/4" (7/16-24)<br/>SWIVEL MALE<br/>INVERTED FLARE</b> |
|                                                  | <b>Length<br/>(IN.)</b>                                  |
| <b>PART No.</b>                                  |                                                          |
| CP-2320                                          | 20                                                       |
| CP-2348                                          | 48                                                       |



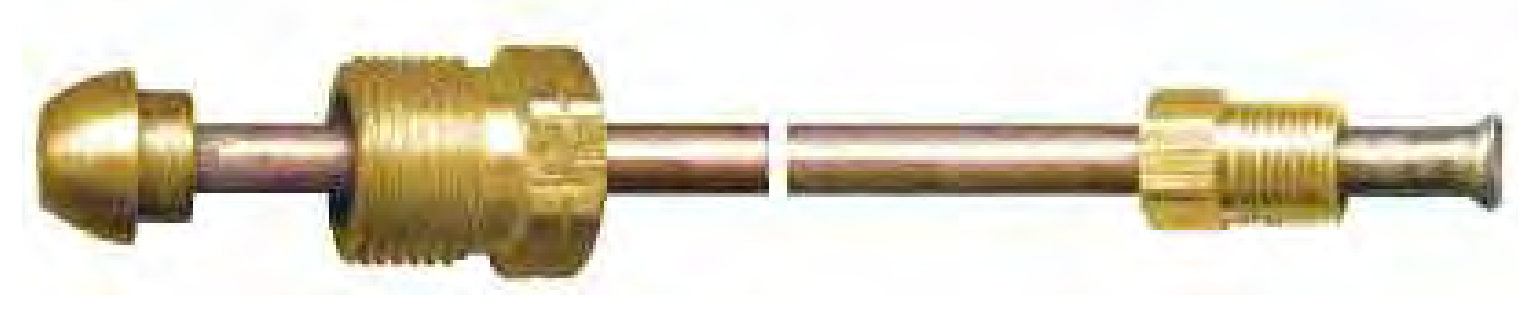
|                                                |                                     |
|------------------------------------------------|-------------------------------------|
| <b>P.O.L.<br/>LONG NOSE<br/>(7/8" HEX NUT)</b> | <b>1/4"<br/>SOLID<br/>MALE PIPE</b> |
|                                                | <b>Length<br/>(IN.)</b>             |
| <b>PART No.</b>                                |                                     |
| CP-2812                                        | 12                                  |
| CP-2820                                        | 20                                  |



|                                                  |                                                  |
|--------------------------------------------------|--------------------------------------------------|
| <b>P.O.L.<br/>LONG NOSE<br/>(1-1/8" HEX NUT)</b> | <b>P.O.L.<br/>LONG NOSE<br/>(1-1/8" HEX NUT)</b> |
|                                                  | <b>Length<br/>(IN.)</b>                          |
| <b>PART No.</b>                                  |                                                  |
| CP-2120                                          | 20                                               |
| CP-2136                                          | 36                                               |
| CP-2148                                          | 48                                               |



|                                  |                                     |
|----------------------------------|-------------------------------------|
| <b>P.O.L.<br/>SHORT<br/>NOSE</b> | <b>1/4" SOLID<br/>MALE<br/>PIPE</b> |
|                                  | <b>Length<br/>(IN.)</b>             |
| <b>PART No.</b>                  |                                     |
| CP-2412                          | 12                                  |
| CP-2420                          | 20                                  |
| CP-2430                          | 30                                  |
| CP-2436                          | 36                                  |

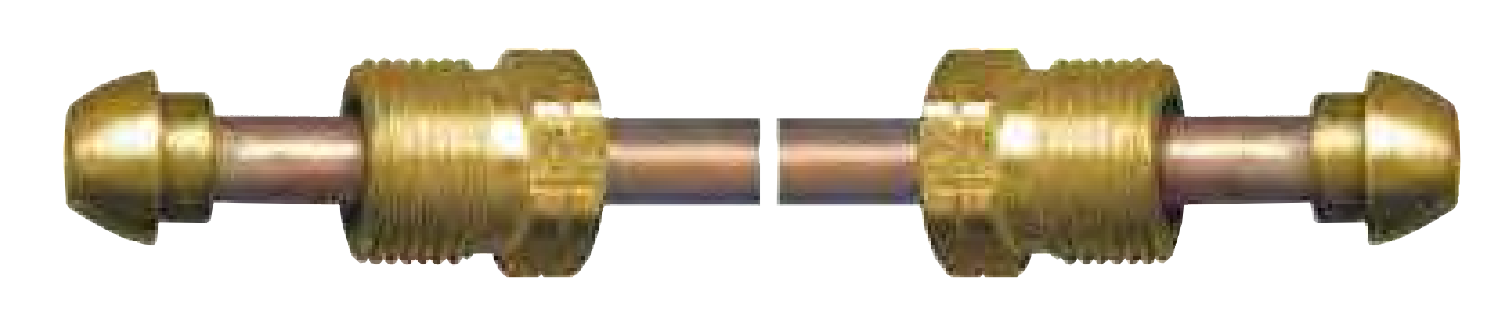


|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| <b>P.O.L.<br/>SHORT NOSE</b> | <b>1/4" (7/16-24)<br/>SWIVEL MALE<br/>INVERTED FLARE</b> |
|                              | <b>Length<br/>(IN.)</b>                                  |
| <b>PART No.</b>              |                                                          |
| CP-2220                      | 20                                                       |
| CP-2230                      | 30                                                       |
| CP-2236                      | 36                                                       |



|                                                |                                                |
|------------------------------------------------|------------------------------------------------|
| <b>P.O.L.<br/>LONG NOSE<br/>(7/8" HEX NUT)</b> | <b>P.O.L.<br/>LONG NOSE<br/>(7/8" HEX NUT)</b> |
|                                                | <b>Length<br/>(IN.)</b>                        |
| <b>PART No.</b>                                |                                                |
| CP-2520                                        | 20                                             |
| CP-2548                                        | 48                                             |

## HOGTAILS



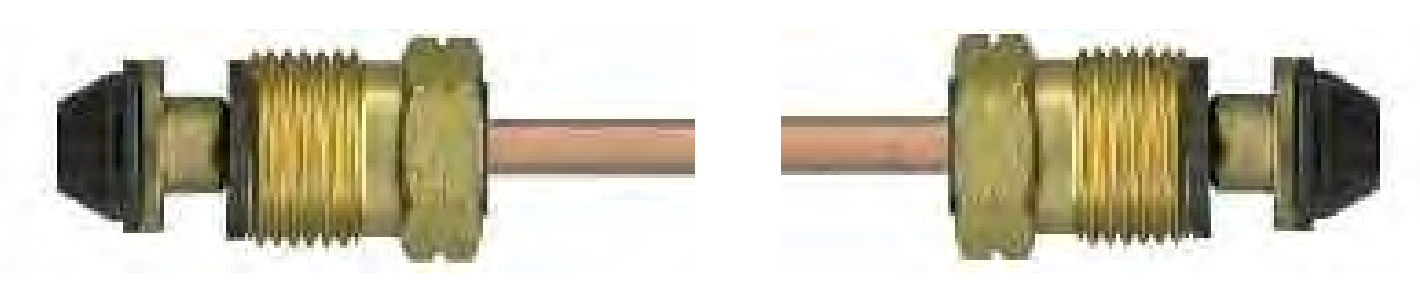
|                              |                              |
|------------------------------|------------------------------|
| <b>P.O.L.<br/>SHORT NOSE</b> | <b>P.O.L.<br/>SHORT NOSE</b> |
|                              | <b>Length<br/>(IN.)</b>      |
| <b>PART No.</b>              |                              |
| CP-2712                      | 12                           |
| CP-2720                      | 20                           |
| CP-2730                      | 30                           |
| CP-2736                      | 36                           |
| CP-2740                      | 40                           |
| CP-2748                      | 48                           |

**COPPER TUBE FOR  
HOGTAILS IS 3/8" O.D. BY  
.049 WALL.**

## INSULATED PIGTAILS

**COPPER TUBE FOR PIGTAILS IS 1/4" O.D. BY .049 WALL.**

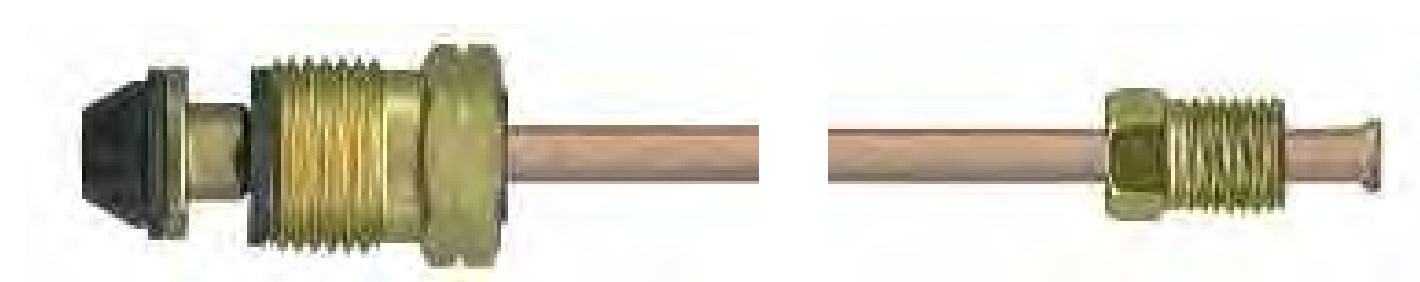
Designed specifically for use on Underground LP-Gas Containers where dielectric isolation is necessary to protect the container.  
Listed to UL569. NFPA 58 (Liquid Petroleum Gas Code) 6.9.3.16, NFPA 58 A.6.6.1 (I) Paragraph 6, Check with your Local Authority Having Jurisdiction.



|                              |                              |
|------------------------------|------------------------------|
| <b>P.O.L.<br/>SHORT NOSE</b> | <b>P.O.L.<br/>SHORT NOSE</b> |
|                              | <b>Length<br/>(IN.)</b>      |
| <b>PART No.</b>              |                              |
| CPIN-2012                    | 12                           |
| CPIN-2020                    | 20                           |



|                              |                                 |
|------------------------------|---------------------------------|
| <b>P.O.L.<br/>SHORT NOSE</b> | <b>1/4" SOLID<br/>MALE PIPE</b> |
|                              | <b>Length<br/>(IN.)</b>         |
| <b>PART No.</b>              |                                 |
| CPIN-2412                    | 12                              |
| CPIN-2420                    | 20                              |



|                              |                                                          |
|------------------------------|----------------------------------------------------------|
| <b>P.O.L.<br/>SHORT NOSE</b> | <b>1/4" (7/16-24)<br/>SWIVEL MALE<br/>INVERTED FLARE</b> |
|                              | <b>Length<br/>(IN.)</b>                                  |
| <b>PART No.</b>              |                                                          |
| CPIN-2220                    | 20                                                       |



**TYPE K (ASTM B88)**  
THIRD PARTY CERTIFIED (TPC) TUBE



| PART No.   | K Size (Nominal) | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|------------|------------------|-----------------|----------------------|----------------------------|-------------------|
| CTK-6-100  | 1/4              | 3/8             | .035                 | 1074                       | 100               |
| CTK-8-100  | 3/8              | 1/2             | .049                 | 1130                       | 100               |
| CTK-10-100 | 1/2              | 5/8             | .049                 | 891                        | 100               |
| CTK-12-66  | 5/8              | 3/4             | .049                 | 736                        | 66                |
| CTK-14-100 | 3/4              | 7/8             | .065                 | 852                        | 100               |

CERTIFIED UNDER STANDARD 61 \* Working Pressure Rated at +100°F, (+38°C)

**TYPE L (G / GAS) POLY-COATED (ASTM B88 / B837)**



SUITABLE UNDER CAN/CGA - B149-00 FOR UNDER GROUND AND ABOVE GROUND USE IN NATURAL GAS AND PROPANE INSTALLATIONS. ALSO SUITABLE FOR USE ON RV'S AND OTHER GAS APPLICATIONS.

LONGER COIL LENGTHS AVAILABLE UPON REQUEST.

| PART No.    | L Size (Nominal) | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|-------------|------------------|-----------------|----------------------|----------------------------|-------------------|
| CTLG-6-60   | 1/4              | 3/8             | .030                 | 912                        | 60                |
| CTLG-6-100  | 1/4              | 3/8             | .030                 | 912                        | 100               |
| CTLG-6-250  | 1/4              | 3/8             | .030                 | 912                        | 250               |
| CTLG-8-60   | 3/8              | 1/2             | .035                 | 779                        | 60                |
| CTLG-8-100  | 3/8              | 1/2             | .035                 | 779                        | 100               |
| CTLG-8-250  | 3/8              | 1/2             | .035                 | 779                        | 250               |
| CTLG-10-60  | 1/2              | 5/8             | .040                 | 722                        | 60                |
| CTLG-10-100 | 1/2              | 5/8             | .040                 | 722                        | 100               |
| CTLG-10-250 | 1/2              | 5/8             | .040                 | 722                        | 250               |
| CTLG-12-60  | 5/8              | 3/4             | .042                 | 631                        | 60                |
| CTLG-12-100 | 5/8              | 3/4             | .042                 | 631                        | 100               |
| CTLG-14-100 | 3/4              | 7/8             | .045                 | 582                        | 100               |

\* Working Pressure Rated at +100°F, (+38°C)

**TYPE G / GAS (ASTM B837) TUBE**



SUITABLE UNDER CAN/CGA - B149.1-00 FOR ABOVE GROUND AND INDOOR NATURAL GAS AND PROPANE INSTALLATIONS.

| PART No.    | Tube O.D. (IN.) | Wall Thickness (IN.) | Coil Length (FT.) |
|-------------|-----------------|----------------------|-------------------|
| CTGB-6-50   | 3/8             | .030                 | 50                |
| CTGB-6-100  | 3/8             | .030                 | 100               |
| CTGB-8-50   | 1/2             | .035                 | 50                |
| CTGB-8-100  | 1/2             | .035                 | 100               |
| CTGB-10-50  | 5/8             | .040                 | 50                |
| CTGB-10-100 | 5/8             | .040                 | 100               |
| CTGB-12-50  | 3/4             | .042                 | 50                |

**PIPE LINE IDENTIFICATION TAPE**



Black text on yellow adhesive tape for easy identification.

| PART No.   | Description   | Roll Qty.       |
|------------|---------------|-----------------|
| GASTAPE-NG | "NATURAL GAS" | 216 FT. (66 M.) |
| GASTAPE-P  | "PROPANE GAS" | 216 FT. (66 M.) |

D



## GENERAL USE (ASTM B75)



CERTIFIED UNDER STANDARD 61

FAIRVIEW COPPER TUBE IS SOFT, SEAMLESS AND ANNEALED FOR FLEXIBILITY. CHECK LOCAL CODES TO ENSURE PROPER COPPER TUBE SELECTION TO MEET APPLICATION REQUIREMENTS.

| PART No.  | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|-----------|-----------------|----------------------|----------------------------|-------------------|
| CTG-4-25  | 1/4             | .030                 | 1406                       | 25                |
| CTG-5-25  | 5/16            | .032                 | 1197                       | 25                |
| CTG-6-25  | 3/8             | .032                 | 984                        | 25                |
| CTG-8-25  | 1/2             | .032                 | 727                        | 25                |
| CTG-10-25 | 5/8             | .035                 | 618                        | 25                |
| CTG-12-25 | 3/4             | .035                 | 511                        | 25                |

\* Working Pressure Rated at +100°F, (+38°C)

## HEAVY WALL GENERAL USE



| PART No.     | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|--------------|-----------------|----------------------|----------------------------|-------------------|
| CTG-6.049-50 | 3/8             | .049                 | 1620                       | 50                |

\* Working Pressure Rated at +100°F, (+38°C)

## REFRIGERATION (ASTM B280)



| PART No.   | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|------------|-----------------|----------------------|----------------------------|-------------------|
| CTR-2-50   | 1/8             | .030                 | 3074                       | 50                |
| CTR-3-50   | 3/16            | .030                 | 1935                       | 50                |
| CTR-4-50   | 1/4             | .030                 | 1406                       | 50                |
| CTR-4-100  | 1/4             | .030                 | 1406                       | 100               |
| CTR-5-50   | 5/16            | .032                 | 1197                       | 50                |
| CTR-6-50   | 3/8             | .032                 | 984                        | 50                |
| CTR-6-100  | 3/8             | .032                 | 984                        | 100               |
| CTR-8-50   | 1/2             | .032                 | 727                        | 50                |
| CTR-8-100  | 1/2             | .032                 | 727                        | 100               |
| CTR-10-50  | 5/8             | .035                 | 618                        | 50                |
| CTR-10-100 | 5/8             | .035                 | 618                        | 100               |
| CTR-12-50  | 3/4             | .035                 | 511                        | 50                |
| CTR-14-50  | 7/8             | .045                 | 582                        | 50                |

\* Working Pressure Rated at +100°F, (+38°C)

## TYPE L (ASTM B88)

THIRD PARTY CERTIFIED (TPC) TUBE



CTL-6-REEL

| PART No.   | L Size (Nominal) | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|------------|------------------|-----------------|----------------------|----------------------------|-------------------|
| CTL-6-REEL | 1/4              | 3/8             | .030                 | 912                        | **                |
| CTL-6-60   | 1/4              | 3/8             | .030                 | 912                        | 60                |

\*\* Please contact us for current reel lengths.

\* Working Pressure Rated at +100°F, (+38°C)

D



## ORANGE POLY-COATED FUEL-OIL COPPER TUBE



An internal groove in the orange polyethylene coat of the copper tube provides double wall containment and leak detection in fuel-oil installations.

- Meets Criteria of B139.00 and NFPA 31

| PART No.    | Tube O.D. (IN.) | Coil Length (FT.) |
|-------------|-----------------|-------------------|
| CTLO-6-50   | 3/8             | 50                |
| CTLO-6-100  | 3/8             | 100               |
| CTLO-8-50   | 1/2             | 50                |
| CTLO-8-100  | 1/2             | 100               |
| CTLO-10-100 | 5/8             | 100               |

## ALUMINUM TUBE (ASTM B-483)



| PART No.  | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|-----------|-----------------|----------------------|----------------------------|-------------------|
| ALT-2-50  | 1/8             | .025                 | 1333                       | 50                |
| ALT-3-50  | 3/16            | .028                 | 953                        | 50                |
| ALT-4-50  | 1/4             | .032                 | 799                        | 50                |
| ALT-5-50  | 5/16            | .035                 | 690                        | 50                |
| ALT-6-50  | 3/8             | .035                 | 565                        | 50                |
| ALT-7-50  | 7/16            | .035                 | 479                        | 50                |
| ALT-8-50  | 1/2             | .035                 | 415                        | 50                |
| ALT-10-50 | 5/8             | .035                 | 328                        | 50                |

**\*NOTE**

THE WORKING PRESSURES LISTED FOR THIS TUBE IS RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES.

## S.A.E. - 527 STEEL TUBE



The green (GRN) anti-corrosion poly coating complies with GM123M-ASV and S.A.E. J527B.

| PART No.    | Tube O.D. (IN.) | Wall Thickness (IN.) | Working Pressure (P.S.I.)* | Coil Length (FT.) |
|-------------|-----------------|----------------------|----------------------------|-------------------|
| BLT-3-25    | 3/16            | .028                 | 5000                       | 25                |
| BLT-4-25    | 1/4             | .028                 | 5000                       | 25                |
| BLT-5-25    | 5/16            | .028                 | 5000                       | 25                |
| BLT-6-25    | 3/8             | .028                 | 5000                       | 25                |
| BLT-3GRN-25 | 3/16            | .028                 | 5000                       | 25                |
| BLT-4GRN-25 | 1/4             | .028                 | 5000                       | 25                |
| BLT-5GRN-25 | 5/16            | .028                 | 5000                       | 25                |
| BLT-6GRN-25 | 3/8             | .028                 | 5000                       | 25                |

**FITTINGS:** Threaded sleeve, PAGE 8

**ASSEMBLIES:** Ready-made brake lines, PAGE 148

**\* NOTE**

THE WORKING PRESSURES LISTED FOR THIS TUBE IS RATED AT +70°F, +21°C. ANY AMBIENT OR INTERNAL INCREASE IN TEMPERATURE WILL LOWER THE ABOVE LISTED WORKING PRESSURES.

D



**STANDARD**  
(Inverted Flare Thread)



| PART No. | Tube O.D. (IN.) | Thread    | Length (IN.) |
|----------|-----------------|-----------|--------------|
| BL-3-08  | 3/16            | 3/8 - 24  | 8            |
| BL-3-12  | 3/16            | 3/8 - 24  | 12           |
| BL-3-20  | 3/16            | 3/8 - 24  | 20           |
| BL-3-30  | 3/16            | 3/8 - 24  | 30           |
| BL-3-40  | 3/16            | 3/8 - 24  | 40           |
| BL-3-51  | 3/16            | 3/8 - 24  | 51           |
| BL-3-60  | 3/16            | 3/8 - 24  | 60           |
| BL-3-72  | 3/16            | 3/8 - 24  | 72           |
|          |                 |           |              |
| BL-4-08  | 1/4             | 7/16 - 24 | 8            |
| BL-4-12  | 1/4             | 7/16 - 24 | 12           |
| BL-4-20  | 1/4             | 7/16 - 24 | 20           |
| BL-4-30  | 1/4             | 7/16 - 24 | 30           |
| BL-4-40  | 1/4             | 7/16 - 24 | 40           |
| BL-4-51  | 1/4             | 7/16 - 24 | 51           |
| BL-4-60  | 1/4             | 7/16 - 24 | 60           |
| BL-4-72  | 1/4             | 7/16 - 24 | 72           |
|          |                 |           |              |
| BL-5-12  | 5/16            | 1/2 - 20  | 12           |
| BL-5-20  | 5/16            | 1/2 - 20  | 20           |
| BL-5-30  | 5/16            | 1/2 - 20  | 30           |
| BL-5-40  | 5/16            | 1/2 - 20  | 40           |
| BL-5-51  | 5/16            | 1/2 - 20  | 51           |
| BL-5-60  | 5/16            | 1/2 - 20  | 60           |
|          |                 |           |              |
| BL-6-12  | 3/8             | 5/8 - 18  | 12           |
| BL-6-20  | 3/8             | 5/8 - 18  | 20           |
| BL-6-30  | 3/8             | 5/8 - 18  | 30           |
| BL-6-40  | 3/8             | 5/8 - 18  | 40           |
| BL-6-51  | 3/8             | 5/8 - 18  | 51           |
| BL-6-60  | 3/8             | 5/8 - 18  | 60           |

**ARMORED STANDARD**  
(Inverted Flare Thread)



| PART No. | Tube O.D. (IN.) | Thread    | Length (IN.) |
|----------|-----------------|-----------|--------------|
| BLA-3-08 | 3/16            | 3/8 - 24  | 8            |
| BLA-3-12 | 3/16            | 3/8 - 24  | 12           |
| BLA-3-20 | 3/16            | 3/8 - 24  | 20           |
| BLA-3-30 | 3/16            | 3/8 - 24  | 30           |
| BLA-3-40 | 3/16            | 3/8 - 24  | 40           |
| BLA-3-51 | 3/16            | 3/8 - 24  | 51           |
| BLA-3-60 | 3/16            | 3/8 - 24  | 60           |
| BLA-3-72 | 3/16            | 3/8 - 24  | 72           |
|          |                 |           |              |
| BLA-4-12 | 1/4             | 7/16 - 24 | 12           |
| BLA-4-20 | 1/4             | 7/16 - 24 | 20           |
| BLA-4-30 | 1/4             | 7/16 - 24 | 30           |
| BLA-4-40 | 1/4             | 7/16 - 24 | 40           |
| BLA-4-51 | 1/4             | 7/16 - 24 | 51           |
| BLA-4-60 | 1/4             | 7/16 - 24 | 60           |
| BLA-4-72 | 1/4             | 7/16 - 24 | 72           |

**JAPANESE STANDARD**  
(10 x 1.0mm Thread)



| PART No. | Tube O.D. (IN.) | Length (IN.) |
|----------|-----------------|--------------|
| BLJ-3-08 | 3/16            | 8            |
| BLJ-3-12 | 3/16            | 12           |
| BLJ-3-20 | 3/16            | 20           |
| BLJ-3-30 | 3/16            | 30           |
| BLJ-3-40 | 3/16            | 40           |
| BLJ-3-51 | 3/16            | 51           |
| BLJ-3-60 | 3/16            | 60           |
| BLJ-3-72 | 3/16            | 72           |

**ANTI CORROSION POLY COATED STANDARD**  
(Inverted Flare Thread)

\*The Poly Vinyl Fluorine coating provides 30 times more corrosion resistance than standard brake lines. These brake lines are designed with a copper-brazed, double-wall steel construction which allows for easy bending without kinking. The poly coating complies with GM123M-ASV and S.A.E. J527B.



| PART No. | Tube O.D. (IN.) | Thread   | Length (IN.) |
|----------|-----------------|----------|--------------|
| BLP-3-12 | 3/16            | 3/8 - 24 | 12           |
| BLP-3-20 | 3/16            | 3/8 - 24 | 20           |
| BLP-3-30 | 3/16            | 3/8 - 24 | 30           |
| BLP-3-40 | 3/16            | 3/8 - 24 | 40           |
| BLP-3-51 | 3/16            | 3/8 - 24 | 51           |
| BLP-3-60 | 3/16            | 3/8 - 24 | 60           |
| BLP-3-72 | 3/16            | 3/8 - 24 | 72           |

**EUROPEAN STANDARD**  
(Bubble Flare Thread 10 x 1.0mm)



| PART No. | Tube O.D. (IN.) | Length (IN.) |
|----------|-----------------|--------------|
| BLE-3-08 | 3/16            | 8            |
| BLE-3-12 | 3/16            | 12           |
| BLE-3-20 | 3/16            | 20           |
| BLE-3-30 | 3/16            | 30           |
| BLE-3-40 | 3/16            | 40           |
| BLE-3-51 | 3/16            | 51           |
| BLE-3-60 | 3/16            | 60           |
| BLE-3-72 | 3/16            | 72           |

**ANTI CORROSION COATED EUROPEAN STD.**  
(Bubble Flare Thread 10 x 1.0mm)



| PART No.  | Tube O.D. (IN.) | Length (IN.) |
|-----------|-----------------|--------------|
| BLPE-3-08 | 3/16            | 8            |
| BLPE-3-20 | 3/16            | 20           |
| BLPE-3-40 | 3/16            | 40           |
| BLPE-3-51 | 3/16            | 51           |
| BLPE-3-60 | 3/16            | 60           |

D





**CLAMPS & TUBE STRAPS**

**STEEL - COPPER - COPPER PLATED - STAINLESS**

AIR BRAKE HOSE SPACERS .....160

AIR BRAKE HOSE SUPPORTS & SPRINGS.....160

CLAMP DISPLAY RACKS .....154

EXTENDED TONGUE GEAR CLAMPS .....154

FLEX SEAL CLAMPS .....156

FUEL INJECTION HOSE CLAMPS.....157

GEAR CLAMPS .....154

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O-CLAMPS FIELD KIT.....158

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E



## STANDARD GEAR CLAMPS



- ALL STAINLESS STEEL
- S.A.E. 1/2 INCH WIDE STAINLESS STEEL BAND AND HOUSING
- S.A.E. STAINLESS STEEL SCREW
- **PACKAGING:** 10 Piece Cartons.
- S.A.E. 1/2 INCH WIDE STAINLESS STEEL BAND AND HOUSING
- S.A.E. STEEL CASE HARDENED PLATED SCREW
- Sizes 116 and up are Bulk.

| PART No.   | Range (IN.)   | Range (MM) | PART No.   |
|------------|---------------|------------|------------|
| HC5-4TB *  | .22 - .63     | 6 - 16     | HC6-4TB *  |
| HC5-5TB *  | .44 - .69     | 11 - 18    | HC6-5TB *  |
| HC5-6TB *  | .31 - .88     | 8 - 22     | HC6-6TB *  |
| HC5-8TB *  | .44 - 1.00    | 11 - 25    | HC6-8TB *  |
| HC5-10TB * | .50 - 1.06    | 13 - 27    | HC6-10TB * |
| HC5-12TB * | .56 - 1.25    | 14 - 32    | HC6-12TB * |
| HC5-16TB * | .68 - 1.50    | 18 - 38    | HC6-16TB * |
| HC5-20TB * | .87 - 1.75    | 22 - 44    | HC6-20TB * |
| HC5-24TB * | 1.31 - 2.00   | 33 - 51    | HC6-24TB * |
| HC5-28TB * | 1.31 - 2.25   | 33 - 57    |            |
| HC5-6      | .37 - .88     | 10 - 22    | HC6-6      |
| HC5-8      | .43 - 1.00    | 11 - 25    | HC6-8      |
| HC5-10     | .56 - 1.06    | 14 - 27    | HC6-10     |
| HC5-12     | .56 - 1.25    | 14 - 32    | HC6-12     |
| HC5-16     | .68 - 1.50    | 17 - 38    | HC6-16     |
| HC5-20     | .75 - 1.75    | 19 - 44    | HC6-20     |
| HC5-24     | 1.06 - 2.00   | 27 - 51    | HC6-24     |
| HC5-28     | 1.31 - 2.25   | 33 - 57    | HC6-28     |
| HC5-32     | 1.56 - 2.50   | 40 - 63    | HC6-32     |
| HC5-36     | 1.81 - 2.75   | 46 - 70    | HC6-36     |
| HC5-40     | 2.06 - 3.00   | 52 - 76    | HC6-40     |
| HC5-44     | 2.31 - 3.25   | 59 - 82    | HC6-44     |
| HC5-48     | 2.56 - 3.50   | 65 - 89    | HC6-48     |
| HC5-52     | 2.81 - 3.75   | 71 - 95    | HC6-52     |
| HC5-56     | 3.06 - 4.00   | 78 - 101   | HC6-56     |
| HC5-60     | 3.31 - 4.25   | 84 - 107   | HC6-60     |
| HC5-64     | 2.50 - 4.50   | 64 - 114   | HC6-64     |
| HC5-72     | 3.00 - 5.00   | 76 - 127   | HC6-72     |
| HC5-80     | 3.50 - 5.50   | 89 - 140   | HC6-80     |
| HC5-84     | 3.75 - 5.75   | 95 - 146   | HC6-84     |
| HC5-88     | 4.00 - 6.00   | 102 - 152  | HC6-88     |
| HC5-96     | 4.50 - 6.50   | 114 - 165  | HC6-96     |
| HC5-104    | 5.00 - 7.00   | 127 - 178  | HC6-104    |
| HC5-116    | 5.75 - 7.75   | 146 - 196  | HC6-116    |
| HC5-128    | 6.50 - 8.50   | 165 - 216  | HC6-128    |
| HC5-152    | 8.00 - 10.00  | 203 - 254  | HC6-152    |
| HC5-164    | 8.75 - 10.75  | 222 - 273  | HC6-164    |
| HC5-188    | 10.25 - 12.25 | 260 - 311  | HC6-188    |
| HC5-200    | 11.00 - 13.00 | 280 - 330  | HC6-200    |
| HC5-212    | 11.75 - 13.75 | 299 - 349  | HC6-212    |
| HC5-224    | 12.50 - 14.50 | 318 - 368  | HC6-224    |
| HC5-236    | 13.25 - 15.25 | 337 - 387  | --         |
| HC5-248    | 14.75 - 16.00 | 375 - 406  | --         |
| HC5-270    | 15.37 - 17.38 | 391 - 441  | HC6-270    |
| HC5-312    | 18.00 - 20.00 | 457 - 508  | HC6-312    |
| HC5-390    | 22.87 - 24.88 | 581 - 632  | HC6-390    |

\* DENOTES THIN BAND. TB SERIES HAS A 5/16 INCH WIDE BAND.

## CLAMP DISPLAY RACKS

Rack & Clamp Packages Are Available See Page:280



T-Bolt Clamp Kit;  
Containing a selection  
of common size  
clamps together with  
our **HCR-18-RACK**  
storage rack.  
**PART No.**  
**HC3-KIT-1**

Auto Clamp Kit;  
Containing a selection  
of common size  
clamps together with  
our **HCR-10-RACK**  
storage rack.  
**PART No.**  
**HC6-AUTO-KIT-1**

## EXTENDED TONGUE CLAMPS



- S.A.E. 1/2 INCH WIDE STAINLESS STEEL BAND HOUSING AND SHIELD
- S.A.E. STEEL CASE HARDENED PLATED SCREW
- EXTENDED TONGUE CLAMPS ARE INTENDED FOR USE WITH SOFT HOSE MATERIAL SUCH AS SILICONE HEATER HOSE AND COOLANT HOSE

THE INNER SHIELD PROTECTS THE HOSE FROM DAMAGE BY PREVENTING IT FROM COMING IN DIRECT CONTACT WITH THE NOTCHED BAND



- **PACKAGING:** 10 Piece Cartons

| PART No. | Range (IN.) | Range (MM) |
|----------|-------------|------------|
| ETM-4*   | .31 - .56   | 8 - 14     |
| ETM-6*   | .56 - .88   | 14 - 22    |
| ETM-12*  | .81 - 1.31  | 21 - 33    |
| ET-8     | .62 - .81   | 16 - 21    |
| ET-10    | .65 - 1.06  | 17 - 27    |
| ET-12    | .68 - 1.51  | 17 - 33    |
| ET-16    | .75 - 1.50  | 19 - 38    |
| ET-20    | 1.37 - 1.81 | 35 - 46    |
| ET-24    | 1.50 - 2.00 | 38 - 51    |
| ET-28    | 1.75 - 2.25 | 44 - 57    |
| ET-32    | 2.00 - 2.50 | 50 - 64    |
| ET-36    | 1.81 - 2.75 | 46 - 70    |
| ET-40    | 2.06 - 3.06 | 52 - 78    |
| ET-44    | 2.31 - 3.25 | 59 - 83    |
| ET-48    | 2.56 - 3.56 | 65 - 91    |
| ET-52    | 2.81 - 3.75 | 71 - 95    |
| ET-56    | 3.12 - 4.06 | 79 - 103   |
| ET-60    | 3.31 - 4.25 | 84 - 108   |
| ET-64    | 3.56 - 4.50 | 91 - 114   |

\* NOTE: ETM SERIES HAS A 5/16 INCH WIDE BAND



## T-BOLT HOSE CLAMPS

For T-Bolt Clamp Display Rack See Page 280



**ALL  
STAINLESS  
STEEL**



**BAND:** Stainless Steel

**BRIDGE:** Stainless Steel

**SHOE:** Stainless Steel

**STAINLESS STEEL BOLT, TRUNNION AND NUT**

**APPLICATIONS:**

- Heavy Duty hose connections.
- Used on filter bags, pipe, ducting and center joint irrigation equipment.

**PACKAGING:** 50 and 100 Piece Cartons.

| PART No. | Range (IN.) | Range (MM) |
|----------|-------------|------------|
| HC2-150  | 1.31 - 1.56 | 33 - 40    |
| HC2-175  | 1.56 - 1.81 | 40 - 46    |
| HC2-188  | 1.69 - 1.94 | 43 - 49    |
| HC2-200  | 1.81 - 2.06 | 46 - 52    |
| HC2-225  | 2.06 - 2.31 | 52 - 59    |
| HC2-238  | 2.19 - 2.50 | 58 - 64    |
| HC2-250  | 2.31 - 2.62 | 59 - 67    |
| HC2-256  | 2.38 - 2.69 | 60 - 68    |
| HC2-263  | 2.44 - 2.75 | 62 - 70    |
| HC2-275  | 2.56 - 2.87 | 65 - 73    |
| HC2-288  | 2.69 - 3.00 | 68 - 76    |
| HC2-300  | 2.81 - 3.12 | 71 - 79    |
| HC2-312  | 2.94 - 3.25 | 75 - 83    |
| HC2-325  | 3.06 - 3.37 | 78 - 86    |
| HC2-350  | 3.31 - 3.62 | 84 - 92    |
| HC2-375  | 3.56 - 3.87 | 90 - 98    |
| HC2-382  | 3.63 - 3.94 | 92 - 100   |
| HC2-400  | 3.81 - 4.12 | 97 - 105   |
| HC2-425  | 4.06 - 4.37 | 103 - 111  |
| HC2-450  | 4.31 - 4.62 | 110 - 117  |
| HC2-475  | 4.56 - 4.87 | 116 - 124  |
| HC2-500  | 4.81 - 5.12 | 122 - 130  |
| HC2-525  | 5.06 - 5.37 | 129 - 137  |
| HC2-550  | 5.31 - 5.62 | 135 - 143  |
| HC2-575  | 5.56 - 5.87 | 141 - 149  |
| HC2-600  | 5.81 - 6.12 | 148 - 156  |
| HC2-650  | 6.31 - 6.62 | 160 - 168  |
| HC2-700  | 6.81 - 7.12 | 173 - 181  |
| HC2-750  | 7.31 - 7.62 | 186 - 194  |
| HC2-825  | 8.06 - 8.37 | 205 - 213  |
| HC2-900  | 8.63 - 8.94 | 219 - 227  |



**STANDARD**



**BAND:** Stainless Steel

**BRIDGE:** Stainless Steel

**PLATED STEEL BOLT, TRUNNION AND NUT**

**APPLICATIONS:**

- Heavy Duty hose connections.
- Used on filter bags, pipe, ducting and center joint irrigation equipment.

**PACKAGING:** 50 and 100 Piece Cartons.

| PART No. | Range (IN.)   | Range (MM) |
|----------|---------------|------------|
| HC3-150  | 1.31 - 1.56   | 33 - 40    |
| HC3-175  | 1.56 - 1.81   | 40 - 46    |
| HC3-188  | 1.69 - 1.94   | 43 - 49    |
| HC3-200  | 1.81 - 2.06   | 46 - 52    |
| HC3-225  | 2.06 - 2.31   | 52 - 59    |
| HC3-238  | 2.19 - 2.50   | 58 - 64    |
| HC3-250  | 2.31 - 2.62   | 59 - 67    |
| HC3-256  | 2.38 - 2.69   | 60 - 68    |
| HC3-263  | 2.44 - 2.75   | 62 - 70    |
| HC3-275  | 2.56 - 2.87   | 65 - 73    |
| HC3-288  | 2.69 - 3.00   | 68 - 76    |
| HC3-300  | 2.81 - 3.12   | 71 - 79    |
| HC3-312  | 2.94 - 3.25   | 75 - 83    |
| HC3-325  | 3.06 - 3.37   | 78 - 86    |
| HC3-350  | 3.31 - 3.62   | 84 - 92    |
| HC3-375  | 3.56 - 3.87   | 90 - 98    |
| HC3-382  | 3.63 - 3.94   | 92 - 100   |
| HC3-400  | 3.81 - 4.12   | 97 - 105   |
| HC3-425  | 4.06 - 4.37   | 103 - 111  |
| HC3-450  | 4.31 - 4.62   | 110 - 117  |
| HC3-475  | 4.56 - 4.87   | 116 - 124  |
| HC3-500  | 4.81 - 5.12   | 122 - 130  |
| HC3-525  | 5.06 - 5.37   | 129 - 137  |
| HC3-550  | 5.31 - 5.62   | 135 - 143  |
| HC3-575  | 5.56 - 5.87   | 141 - 149  |
| HC3-600  | 5.81 - 6.12   | 148 - 156  |
| HC3-625  | 6.06 - 6.37   | 154 - 162  |
| HC3-650  | 6.31 - 6.62   | 160 - 168  |
| HC3-675  | 6.56 - 6.87   | 167 - 175  |
| HC3-700  | 6.81 - 7.12   | 173 - 181  |
| HC3-750  | 7.31 - 7.62   | 186 - 194  |
| HC3-800  | 7.81 - 8.12   | 192 - 200  |
| HC3-1088 | 10.63 - 11.13 | 270 - 278  |

E



## FLEX SEAL CLAMPS

### FLEX SEAL (HEAVY DUTY)

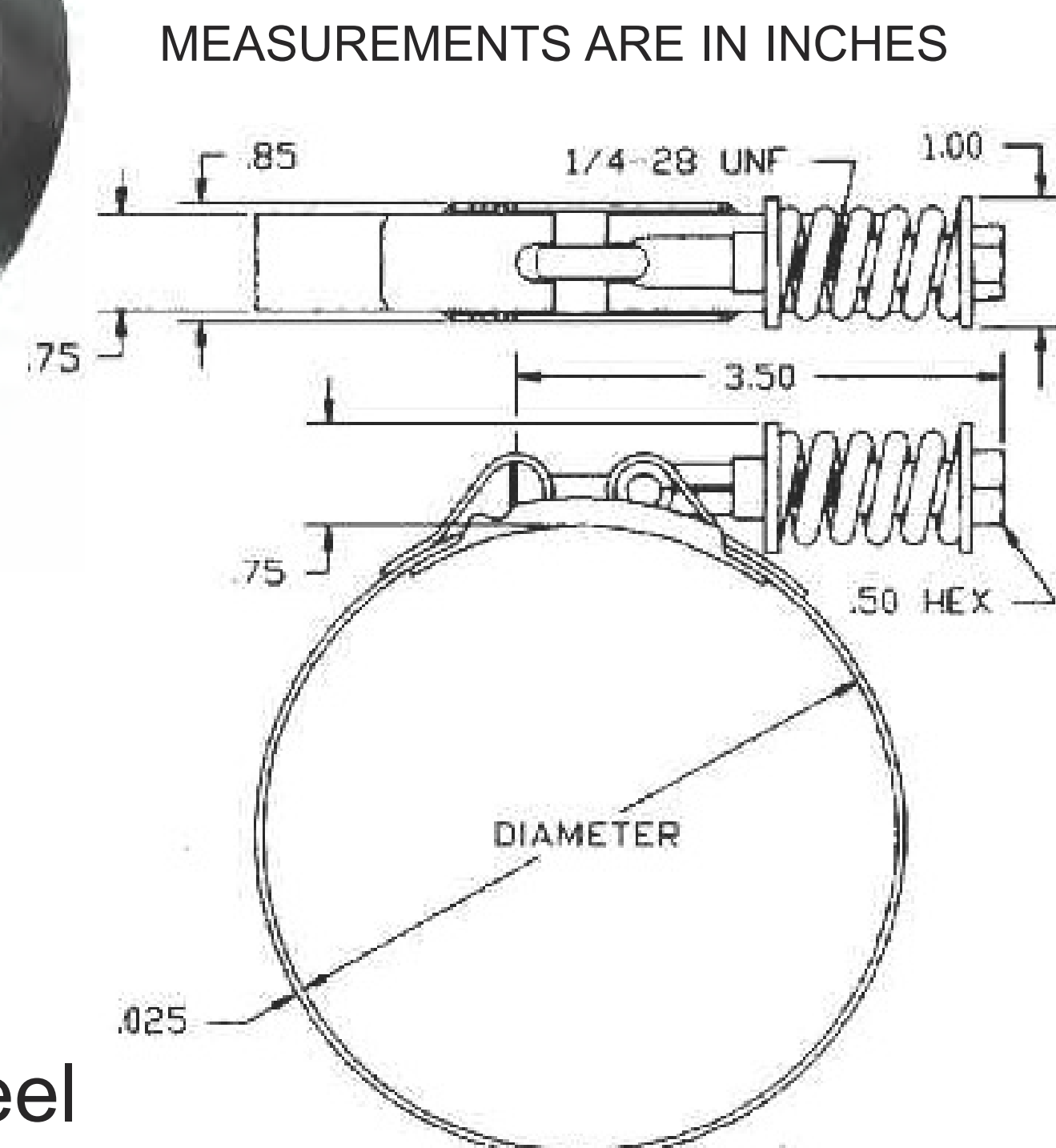


**BAND:** Stainless Steel  
**BRIDGE:** Stainless Steel  
**T-BOLT:** Carbon Steel  
**SPRING:** High Carbon Steel  
**FINISH: (T-BOLT):** Zinc Plated and Dichromate

#### APPLICATIONS:

- Designed specifically for silicone hose connections in turbocharged diesel engine air intake and air charge air systems.
- Solves hose “blow-off” failures resulting from cold flow or thermal expansions.

**PACKAGING:** 50 and 100 Piece Cartons.



### MINI FLEX SEAL

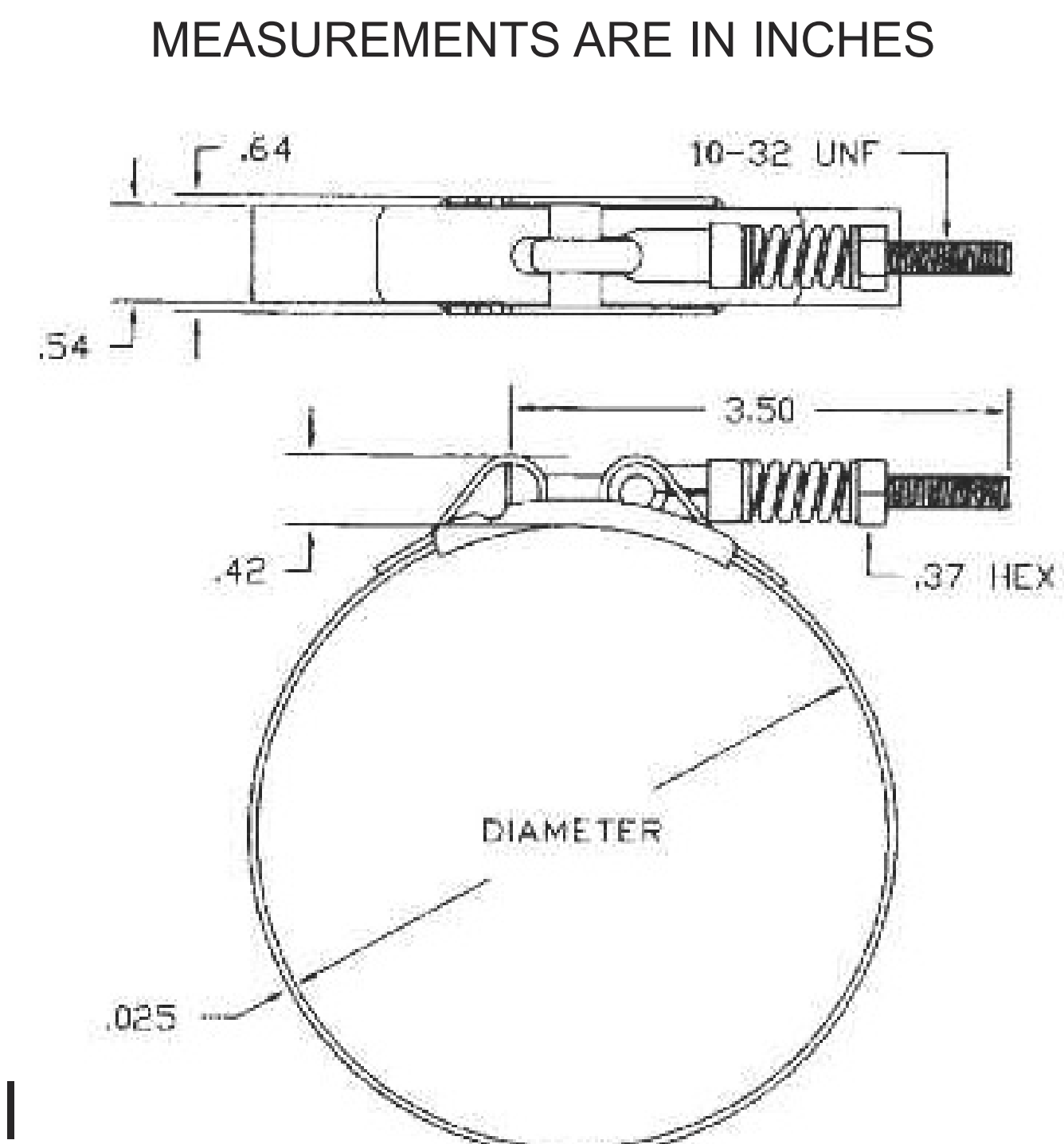


**BAND:** Stainless Steel  
**SLEEVE:** Brass  
**BRIDGE:** Carbon Steel  
**T-BOLT:** Carbon Steel  
**SPRING:** Carbon Steel  
**FINISH: (T-BOLT):** Zinc Plated and Dichromate

#### APPLICATIONS:

- Wherever leakage caused by cold flow or thermal expansion is a problem.
- Designed specially for silicone and EPDM hose connections or on radiators and engine blocks / manifolds.
- Solves “blow-off” failures common on air intake /charge-air systems of turbocharged internal combustion engines.

**PACKAGING:** 50 and 100 Piece Cartons.



| PART No. | Range (IN.) | Range (MM) |
|----------|-------------|------------|
| HC19-225 | 2.06 - 2.31 | 52 - 59    |
| HC19-238 | 2.19 - 2.50 | 58 - 64    |
| HC19-250 | 2.31 - 2.62 | 59 - 67    |
| HC19-263 | 2.38 - 2.69 | 60 - 68    |
| HC19-270 | 2.44 - 2.75 | 62 - 70    |
| HC19-275 | 2.56 - 2.87 | 65 - 73    |
| HC19-288 | 2.69 - 3.00 | 68 - 76    |
| HC19-300 | 2.81 - 3.12 | 71 - 79    |
| HC19-312 | 2.94 - 3.25 | 75 - 83    |
| HC19-325 | 3.06 - 3.37 | 78 - 86    |
| HC19-350 | 3.31 - 3.62 | 84 - 92    |
| HC19-375 | 3.56 - 3.87 | 90 - 98    |
| HC19-382 | 3.63 - 3.94 | 92 - 100   |
| HC19-412 | 3.81 - 4.12 | 97 - 105   |
| HC19-425 | 4.06 - 4.37 | 103 - 111  |
| HC19-450 | 4.31 - 4.62 | 110 - 117  |
| HC19-475 | 4.56 - 4.87 | 116 - 124  |
| HC19-500 | 4.81 - 5.12 | 122 - 130  |
| HC19-525 | 5.06 - 5.37 | 129 - 137  |
| HC19-550 | 5.31 - 5.61 | 135 - 143  |
| HC19-575 | 5.56 - 5.87 | 141 - 149  |
| HC19-600 | 5.81 - 6.12 | 148 - 156  |

| PART No. | Range (IN.) | Range (MM) |
|----------|-------------|------------|
| HC20-150 | 1.31 - 1.56 | 33 - 40    |
| HC20-175 | 1.56 - 1.81 | 40 - 46    |
| HC20-188 | 1.69 - 1.94 | 43 - 49    |
| HC20-200 | 1.81 - 2.06 | 46 - 52    |
| HC20-225 | 2.06 - 2.31 | 52 - 59    |
| HC20-238 | 2.19 - 2.50 | 58 - 64    |
| HC20-250 | 2.31 - 2.62 | 59 - 67    |
| HC20-263 | 2.38 - 2.69 | 60 - 68    |
| HC20-270 | 2.44 - 2.75 | 62 - 70    |
| HC20-275 | 2.56 - 2.87 | 65 - 73    |
| HC20-288 | 2.69 - 3.00 | 68 - 76    |
| HC20-300 | 2.81 - 3.12 | 71 - 79    |
| HC20-312 | 2.94 - 3.25 | 75 - 83    |
| HC20-325 | 3.06 - 3.37 | 78 - 86    |
| HC20-350 | 3.31 - 3.62 | 84 - 92    |
| HC20-375 | 3.56 - 3.87 | 90 - 98    |
| HC20-382 | 3.63 - 3.94 | 92 - 100   |
| HC20-400 | 3.81 - 4.12 | 97 - 105   |
| HC20-425 | 4.06 - 4.37 | 103 - 111  |
| HC20-450 | 4.31 - 4.62 | 110 - 117  |
| HC20-550 | 5.31 - 5.61 | 135 - 143  |



## QUICK RELEASE CLAMPS



Constructed from stainless steel materials for corrosion resistance. These clamps feature a unique quick release design that allows for quick and easy installation in restricted or difficult areas. 5/16 slotted hexagon head and 1/2 wide band.

**APPLICATIONS:**

For applications where clamp must be opened to be applied. Used extensively in the telecommunications industry on cable enclosures where open air applications demand durability.

**PACKAGING:** 10 Piece Carton.

| PART No. | Range (IN.)   | Range (MM) |
|----------|---------------|------------|
| LAS-36   | 1.00 - 2.39   | 25 - 70    |
| LAS-48   | 1.50 - 3.50   | 38 - 89    |
| LAS-56   | 1.00 - 4.00   | 25 - 101   |
| LAS-72   | 2.00 - 5.00   | 51 - 127   |
| LAS-88   | 2.06 - 6.00   | 52 - 152   |
| LAS-96   | 3.50 - 6.56   | 89 - 166   |
| LAS-104  | 1.75 - 7.00   | 44 - 178   |
| LAS-128  | 1.75 - 8.56   | 44 - 218   |
| LAS-152  | 2.00 - 10.00  | 51 - 254   |
| LAS-188  | 2.06 - 12.31  | 52 - 313   |
| LAS-216  | 10.19 - 14.00 | 259 - 355  |
| LAS-248  | 1.75 - 16.00  | 44 - 406   |
| LAS-312  | 1.88 - 20.00  | 48 - 508   |

## ONE EAR CLAMPS



**APPLICATIONS:**

One Ear Clamps are commonly used where a low profile protrusion and a small, snug clamping range is of the essence.

They are well suited for Original Equipment Manufacturer (OEM) or Maintenance, Repair and Overhaul (MRO). EPDM rubber hose, plastic tube, electrical cable, strain relief, insert molding, welding and heavily vibrating equipment hoses are readily clamped.

**SPECIFICATIONS:**

Type 304 AISI stainless steel.

**PACKAGING:** 25 Piece Bags.

| PART No.   | Range (IN.) | Range (MM)  |
|------------|-------------|-------------|
| HC14-8-1/2 | .476 - .551 | 12.1 - 14.0 |

## SPRING LOADED GEAR CLAMPS

FOR USE WITH SILICONE COOLANT HOSE & TURBO CHARGERS



- ALL STAINLESS STEEL
- S.A.E. 1/2 INCH WIDE BAND
- HIGH CORROSION RESISTANCE
- SPRING CONTRACTS AND EXPANDS TO PREVENT COLD FLOW LEAKS
- PROVIDES PERMANENT JOINT SEALING FROM -40°F to +450°F  
-40°C to +232°C
- **PACKAGING:** 10 Piece Carton.
- Sizes 500 and up are Bulk.

| PART No. | Range (IN.) | Range (MM) |
|----------|-------------|------------|
| HC4-400  | 3.25 - 4.13 | 83 - 105   |

## ONE EAR CLAMPS

(With Mechanical Interlock)



Select Nominal Clamp Size nearest to but larger than O.D. on which clamp is to be used.

**APPLICATIONS:**

1-Ear clamps are intended for low pressure applications such as automotive (not fuel lines), appliances, industrial machinery, underground irrigation systems and beverage dispensing equipment.

**SPECIFICATIONS:**

The standard HC8 series is manufactured from 1008 carbon steel tube and then zinc plated. Stainless steel clamps are manufactured from type 304 AISI stainless.

**PACKAGING:** 25 Piece Bags.

| PART No. | Range (IN.)   | Range (MM)  |
|----------|---------------|-------------|
| HC8-6    | .350 - .414   | 8.9 - 10.5  |
| HC8-9    | .496 - .571   | 12.6 - 14.5 |
| HC8-11   | .549 - .669   | 15.1 - 17.0 |
| HC8-12   | .669 - .779   | 17.0 - 19.8 |
| HC8-14   | .779 - .890   | 19.8 - 22.6 |
| HC8-15   | .839 - .949   | 21.3 - 24.1 |
| HC8-21   | 1.181 - 1.303 | 30.0 - 33.1 |

## FUEL INJECTION HOSE CLAMPS



**APPLICATIONS:**

Clamps are intended for low pressure applications such as automotive fuel injection.

| PART No. | Nominal Clamp Size (IN.) | Range (IN.) | Range (MM)    |
|----------|--------------------------|-------------|---------------|
| HC21-4   | 1/4                      | 7/32 - 5/8  | 5.5 - 15.87   |
| HC21-5   | 5/16                     | 5/16 - 7/8  | 7.94 - 22.22  |
| HC21-6   | 3/8                      | 7/8 - 1     | 22.22 - 25.40 |

E



**TWO EAR CLAMPS**



For Pincer Tools See Page: 258

**GREAT HOLDING POWER:** Closing the ears builds strength into the clamp which works against the pressure in the hose.

**APPLICATIONS:** Two Ear Clamps are ideally suited for maintenance and O.E.M. applications, rubber hose, plastic tube, plastic pipe, and coaxial cable are all readily clamped. Uses on air, fluid, gas and steam lines are unlimited.

**SPECIFICATIONS:** The standard HC9 series is made from 1008 steel tube. They are then zinc plated. Stainless Steel clamps are manufactured from type 304 AISI tube.

**PACKAGING:** 25 Piece Bags.

Select Nominal Clamp Size nearest to but larger than O.D. on which clamp is to be used.

| Steel PART No. | Range (IN.)   | Range (MM)  | Stainless Steel PART No. |
|----------------|---------------|-------------|--------------------------|
| HC9-2          | .122 - .161   | 3.1 - 4.1   | --                       |
| HC9-3          | .118 - .197   | 3.0 - 5.0   | --                       |
| HC9-4          | .197 - .276   | 5.0 - 7.0   | HC9-4SS                  |
| HC9-5          | .276 - .354   | 7.0 - 9.0   | HC9-5SS                  |
| HC9-6          | .315 - .433   | 8.0 - 11.0  | HC9-6SS                  |
| HC9-8          | .433 - .512   | 11.0 - 13.0 | HC9-8SS                  |
| HC9-9          | .512 - .591   | 13.0 - 15.0 | HC9-9SS                  |
| HC9-9-1/2      | .544 - .669   | 15.0 - 17.0 | HC9-9-1/2SS              |
| HC9-10         | .591 - .708   | 15.0 - 18.0 | HC9-10SS                 |
| HC9-12         | .669 - .787   | 17.0 - 20.0 | HC9-12SS                 |
| HC9-13         | .748 - .866   | 19.0 - 22.0 | HC9-13SS                 |
| HC9-14         | .787 - .905   | 20.0 - 23.0 | HC9-14SS                 |
| HC9-15         | .866 - .984   | 22.0 - 25.0 | HC9-15SS                 |
| HC9-16         | .905 - 1.063  | 23.0 - 27.0 | HC9-16SS                 |
| HC9-17         | .984 - 1.102  | 25.0 - 28.0 | HC9-17SS                 |
| HC9-18         | 1.063 - 1.220 | 27.0 - 31.0 | HC9-18SS                 |
| HC9-21         | 1.220 - 1.339 | 31.0 - 34.0 | HC9-21SS                 |
| HC9-23         | 1.339 - 1.457 | 34.0 - 37.0 | HC9-23SS                 |
| HC9-24         | 1.457 - 1.575 | 37.0 - 40.0 | HC9-24SS                 |
| HC9-26         | 1.575 - 1.693 | 40.0 - 43.0 | HC9-26SS                 |
| HC9-28         | 1.693 - 1.811 | 43.0 - 46.0 | --                       |

**TWO EAR CLAMP FIELD KIT**



- PLASTIC BOX
- PINCER TOOL.
- 2 EAR CLAMP ASSORTMENT

**PART No. OE-SB80**

| CONTENTS |     |          |     |          |     |
|----------|-----|----------|-----|----------|-----|
| PART No. | Qty | PART No. | Qty | PART No. | Qty |
| HC9-5    | 15  | HC9-10   | 15  | HC9-16   | 12  |
| HC9-6    | 15  | HC9-12   | 12  | HC9-R    | 1   |
| HC9-8    | 15  | HC9-14   | 12  |          |     |
| HC9-9    | 15  | HC9-15   | 12  |          |     |

**STEPLESS® EAR CLAMPS**



**STEPLESS®:**

The term "Stepless" relates to the absence of gaps or steps on the clamp's inner circumference. The unique tongue-in-groove design provides uniform compression and a 360° seal.

**APPLICATIONS:**

Standard Series Stepless Ear Clamps were perfected for demanding applications where lighter, thin-walled hose or tube is being used.

**SPECIFICATIONS:**

The standard HC10 series is made from type 304 AISI stainless steel.

**PACKAGING:** 25 Piece Bags.

| Stainless Steel PART No. | Range (IN.)   | Range (MM)  |
|--------------------------|---------------|-------------|
| HC10-6                   | .307 - .374   | 7.8 - 9.5   |
| HC10-7                   | .378 - .445   | 9.6 - 11.3  |
| HC10-7-1/2               | .398 - .465   | 10.1 - 11.8 |
| HC10-8                   | .425 - .524   | 10.8 - 13.3 |
| HC10-9                   | .472 - .571   | 12.0 - 14.5 |
| HC10-10                  | .520 - .618   | 13.2 - 15.7 |
| HC10-11-1/2              | .602 - .728   | 15.3 - 18.5 |
| HC10-12                  | .654 - .779   | 16.6 - 19.8 |
| HC10-13                  | .701 - .827   | 17.8 - 21.0 |
| HC10-14                  | .764 - .890   | 19.4 - 22.6 |
| HC10-17                  | .945 - 1.067  | 23.9 - 27.1 |
| HC10-21                  | 1.181 - 1.303 | 29.9 - 33.1 |
| HC10-25                  | 1.378 - 1.500 | 34.9 - 38.1 |
| HC10-36                  | 2.142 - 2.264 | 54.3 - 57.5 |



# OETIKER/TST TO FAIRVIEW CONVERSION CHART



| OETIKER/TST | PART No.   | OETIKER/TST | PART No.     | OETIKER/TST | PART No.    | OETIKER/TST | PART No.       |
|-------------|------------|-------------|--------------|-------------|-------------|-------------|----------------|
| 10100000    | HC9-2      | 10500339    | HC8-10       | 16700061    | HC10-33     | 18500056    | OE-SB80        |
| 10100000    | HC9-2-1/2  | 10500340    | HC8-12       | 16700062    | HC10-34     | 20500026    | QD-SCINDMC6-6F |
| 10100001    | HC9-2-3/4  | 10500341    | HC8-17       | 16700063    | HC10-35     | 20500030    | QD-SCINDMC6-6M |
| 10100002    | HC9-3      | 10500343    | HC8-20       | 16700064    | HC10-36     | 20500052    | QD-SCINDMC6-4F |
| 10100004    | HC9-4      | 10500344    | HC8-24       | 16700065    | HC10-37     | 20500110    | QD-SCINDMC8-8F |
| 10100008    | HC9-5      | 14100037    | HC9-P        | 16700066    | HC10-38     | 20500113    | QD-SCINDMC8-8M |
| 10100011    | HC9-6      | 14100083    | HC9-S        | 16700068    | HC10-40     | 20500214    | QD-SCINDMC6-4M |
| 10100016    | HC9-8      | 14100118    | HC9-R        | 16700069    | HC10-41     | 20500234    | QD-SCCEJNC4-4F |
| 10100019    | HC9-9      | 15100001    | HC9-2-3/4SS  | 16700071    | HC10-43     | 20500240    | QD-SCCEJNC4-4M |
| 10100022    | HC9-9-1/2  | 15100002    | HC9-3SS      | 16700073    | HC10-44     | 20500291    | QD-SCAROMC4-4F |
| 10100024    | HC9-10     | 15100003    | HC9-4SS      | 16700074    | HC10-45     | 20500292    | QD-SCAROMC4-6F |
| 10100027    | HC9-12     | 15100004    | HC9-5SS      | 16700075    | HC10-46     | 20500297    | QD-SCAROMC4-4M |
| 10100029    | HC9-13     | 15100006    | HC9-8SS      | 16700076    | HC10-47     | 20500298    | QD-SCAROMC4-6M |
| 10100030    | HC9-14     | 15100007    | HC9-9SS      | 16700077    | HC10-48     | 20500311    | QD-SCINDMC4-4F |
| 10100032    | HC9-15     | 15100008    | HC9-9-1/2SS  | 16700078    | HC10-49     | 20500312    | QD-SCINDMC4-6F |
| 10100034    | HC9-16     | 15100009    | HC9-10SS     | 16700079    | HC10-50     | 20500317    | QD-SCINDMC4-4M |
| 10100035    | HC9-17     | 15100010    | HC9-12SS     | 16700081    | HC10-52     | 20500318    | QD-SCINDMC4-6M |
| 10100037    | HC9-18     | 15100011    | HC9-13SS     | 16700082    | HC10-53     | 20500349    | QD-SCCEJNC6-6F |
| 10100039    | HC9-19     | 15100012    | HC9-14SS     | 16700084    | HC10-55     | 20500354    | QD-SCCEJNC6-6M |
| 10100041    | HC9-21     | 15100013    | HC9-15SS     | 16700086    | HC10-57     | 20500300    | QD-SCAROMC4-4H |
| 10100043    | HC9-23     | 15100014    | HC9-16SS     | 16700087    | HC10-58     | 20500397    | QD-SCAROMC4-6H |
| 10100045    | HC9-24     | 15100015    | HC9-17SS     | 16700088    | HC10-59     | 20500399    | QD-SCINDMC4-4H |
| 10100047    | HC9-26     | 15100016    | HC9-18SS     | 16700089    | HC10-60     | 20500401    | QD-SCINDMC4-6H |
| 10100049    | HC9-28     | 15100017    | HC9-19SS     | 16700090    | HC10-61     | 20500404    | QD-SCCEJNC6-6H |
| 10300008    | HC14-4-1/2 | 15100018    | HC9-21SS     | 16700091    | HC10-61-1/2 | 20500406    | QD-SCCEJNC4-4H |
| 10300026    | HC14-8-1/2 | 15100019    | HC9-23SS     | 16700093    | HC10-63     | 20500408    | QD-SCCEJNC4-6H |
| 10300061    | HC14-6     | 15100020    | HC9-24SS     | 16700094    | HC10-64     | 20500084    | QD-SCINDMC6-6H |
| 10300073    | HC14-11    | 15100021    | HC9-26SS     | 16700095    | HC10-65-1/2 | 25500003    | QD-ARON4-4M    |
| 10500000    | HC8-6      | 15100022    | HC9-28SS     | 16700096    | HC10-66     | 25500007    | QD-ARON4-4F    |
| 10500325    | HC8-8      | 15100023    | HC9-6SS      | 16700097    | HC10-67     | 25500014    | QD-INDN4-4M    |
| 10500012    | HC8-13     | 15500001    | HC8-7SS      | 16700104    | HC10-74     | 25500018    | QD-INDN4-4F    |
| 10500013    | HC8-14     | 15500003    | HC8-8SS      | 16700216    | HC11-22     | 25500044    | QD-INDN6-6M    |
| 10500017    | HC8-18     | 15500007    | HC8-9SS      | 16700233    | HC11-33     | 25500045    | QD-INDN6-8M    |
| 10500018    | HC8-19     | 15500008    | HC8-10SS     | 16700241    | HC11-41     | 25500046    | QD-INDN6-4F    |
| 10500025    | HC8-25     | 15500009    | HC8-11SS     |             |             | 25500049    | QD-INDN6-6F    |
| 10500028    | HC8-27     | 15500010    | HC8-11-1/2SS | 16700242    | HC11-42     |             |                |
| 10500030    | HC8-29     | 15500011    | HC8-12SS     | 16700251    | HC11-50     | 25500050    | QD-INDN6-8F    |
| 10500031    | HC8-30     | 15500012    | HC8-13SS     | 16700986    | HC10-6      | 25500066    | QD-ARON4-6M    |
| 10500032    | HC8-31     | 15500013    | HC8-14SS     | 16700989    | HC10-7      | 25500068    | QD-ARON4-6F    |
| 10500033    | HC8-32     | 15500014    | HC8-15SS     | 16700993    | HC10-8      | 25500069    | QD-INDN4-6M    |
| 10500034    | HC8-33     | 15500015    | HC8-16SS     | 16701016    | HC10-9      | 25500177    | QD-SCCEJNN6-6M |
| 10500035    | HC8-34     | 15500016    | HC8-17SS     | 16701015    | HC10-10     | 25500178    | QD-SCCEJNN6-6F |
| 10500353    | HC8-35     | 15500017    | HC8-18SS     | 16702062    | HC10-11-1/2 | 25500236    | QD-INDN6-4M    |
| 10500037    | HC8-36     | 15500018    | HC8-19SS     | 17800131    | HC10-19     | 25500240    | QD-ARON4-4H    |
| 10500038    | HC8-37     | 15500019    | HC8-20SS     | 17800132    | HC13-41     | 25500243    | QD-INDN4-4H    |
| 10500356    | HC8-38     | 15500020    | HC8-21SS     |             | HC13-44     | 25500245    | QD-INDN4-6H    |
| 10500040    | HC8-39     | 15500024    | HC8-24SS     | 17800133    | HC13-48     | 25500247    | QD-SCCEJNN4-4H |
| 10500041    | HC8-40     | 15500033    | HC8-32SS     | 17800135    | HC13-53     | 25500247    | QD-SCCEJNN6-6H |
| 10500043    | HC8-42     | 15500034    | HC8-33SS     | 17800139    | HC13-66     | 25500253    | QD-INDN6-6H    |
| 10500046    | HC8-44     | 16700022    | HC10-12      | 17800140    | HC13-69     | 25500254    | QD-INDN6-8H    |
|             |            |             |              | 17800174    | HC12-20     | 25500257    | QD-SCCEJNN4-6H |
| 10500365    | HC8-46     | 16700024    | HC10-13      | 17800175    | HC12-23     | 25500266    | QD-INDN8-8H    |
| 10500050    | HC8-48     | 16700026    | HC10-14      | 17800176    | HC12-25     | 25500274    | QD-INDN4-6F    |
| 10500055    | HC8-53     | 16700033    | HC10-17      | 17800177    | HC12-28     | 25500275    | QD-SCCEJNN4-4F |
| 10500059    | HC8-57     | 16700035    | HC10-18      | 17800178    | HC12-32     | 25500276    | QD-SCCEJNN4-4M |
| 10500061    | HC8-59     | 16700042    | HC10-21      | 17800179    | HC12-34     | 25500277    | QD-INDN8-6M    |
| 10500323    | HC8-22     | 16700044    | HC10-22      | 17800180    | HC12-38     | 25500278    | QD-INDN8-8M    |
| 10500324    | HC8-21     | 16700048    | HC10-24      | 17800181    | HC12-41     | 25500280    | QD-INDN8-8F    |
| 10500326    | HC8-23     | 16705000    | HC10-25      | 17800182    | HC12-44     |             |                |
| 10500327    | HC8-16     | 16700052    | HC10-26      | 17800183    | HC12-48     |             |                |
| 10500328    | HC8-11     | 16705828    | HC10-27      | 17800184    | HC12-50     |             |                |
| 10500330    | HC8-15     | 16703640    | HC10-27-1/2  | 17800185    | HC12-53     |             |                |
| 10500332    | HC8-26     | 16704685    | HC10-28      | 17800186    | HC12-56     |             |                |
| 10500335    | HC8-28     | 16700057    | HC10-29      | 17800187    | HC12-60     |             |                |
| 10500337    | HC8-7      | 16704968    | HC10-30      | 17800188    | HC12-63     |             |                |
| 10500338    | HC8-9      | 16700060    | HC10-32      | 17800189    | HC12-66     |             |                |

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**PEX CLAMPS & CRIMP RINGS**



ASTM F2098  
STAINLESS STEEL  
STEPLESS CLAMPS

| PART No. | Pex |
|----------|-----|
| HCPEX-8  | 3/8 |
| HCPEX-10 | 1/2 |
| HCPEX-12 | 5/8 |
| HCPEX-14 | 3/4 |
| HCPEX-18 | 1   |



BLACK COPPER  
CRIMP RING

| PART No.     | Pex |
|--------------|-----|
| HCPEX-8-BCR  | 3/8 |
| HCPEX-10-BCR | 1/2 |
| HCPEX-14-BCR | 3/4 |

**PEX TUBE SUPPORTS**

**BEND  
SUPPORT**



| PART No.  | Pex |
|-----------|-----|
| PEX-BS-10 | 1/2 |
| PEX-BS-14 | 3/4 |

**J-CLAMP  
(WITH NAIL)**



| PART No.  | Pex |
|-----------|-----|
| PEX-JC-10 | 1/2 |
| PEX-JC-14 | 3/4 |

**AIR BRAKE HOSE SPACERS**



| PART No.     | Hose I.D.<br>(IN.) |
|--------------|--------------------|
| HAB-HANGER-6 | 3/8                |
| HAB-HANGER-8 | 1/2                |

**AIR BRAKE HOSE SUPPORTS**

**AIR BRAKE HOSE SUPPORTS**



**HOSE SUPPORT**  
Used in conjunction with hose support spring and truck to trailer air brake line. (Page 6)

| PART No.   | Hose I.D.<br>(IN.) |
|------------|--------------------|
| HAB-SPW-HB | One Size           |

**(1 BOLT) HOSE SUPPORT**

Used in conjunction with hose support spring.



| PART No.  | Hose I.D.<br>(IN.) |
|-----------|--------------------|
| HAB-HCE-6 | 3/8                |
| HAB-HCE-8 | 1/2                |

**STEEL REINFORCED  
(2 BOLT) HOSE SUPPORT**

Used in conjunction with hose support spring.



| PART No.   | Size          |
|------------|---------------|
| HAB-HC2E-6 | 3/8 Hose I.D. |

**“U” HOSE SUPPORT**

Used in conjunction with hose support spring.



| PART No.  | Size          |
|-----------|---------------|
| HAB-HCU-6 | 3/8 Hose I.D. |
| HAB-HCU-8 | 1/2 Hose I.D. |

**HOSE SUPPORT SPRING KIT**



Heavy Duty  
Abrasion  
Resistant  
Cover



| (Complete Kit)<br>PART No. | Spring Length<br>(IN.) | Description                                                     |
|----------------------------|------------------------|-----------------------------------------------------------------|
| HAB-SPRING-16.4-TKP        | 16.4                   | Spring, Protective Cover & Hangers with Retail Packaging        |
| HAB-SPRING-25-TKP          | 25                     |                                                                 |
| HAB-SPRING-16.4-TKP2       | 16.4                   | DOUBLE Spring, Protective Cover & Hangers with Retail Packaging |
| HAB-SPRING-25-TKP2         | 25                     |                                                                 |

| (Spring Only)<br>PART No. | Spring Length<br>(IN.) | Description         |
|---------------------------|------------------------|---------------------|
| HAB-SPRING-13             | 13                     | Support Spring Only |
| HAB-SPRING-16.4           | 16.4                   |                     |
| HAB-SPRING-25             | 25                     |                     |

**TIE STRAPS**



**Material:** UL94-V-2 Nylon 6/6 (Natural)  
**Temperature:** -40F to 185F  
NOTE: Black cable ties and other lengths available on request.

| PART No.        | Packaged<br>By | Tie<br>Width | Tie<br>Length | Min. Tensile<br>Strength |
|-----------------|----------------|--------------|---------------|--------------------------|
| TIE-50-21-11/16 | 100            | .189         | 21.69"        | 50 lbs.                  |



# TUBE STRAPS AND HANGERS



**RUBBER  
CUSHIONED  
WRAP AROUND  
TUBE STRAPS  
(1/4 INCH HOLE)**

**Steel – Zinc Plated**

| PART No. | Tube O.D. | Band Width |
|----------|-----------|------------|
| TS17R-4  | 1/4       | 1/2        |
| TS17R-5  | 5/16      | 1/2        |
| TS17R-6  | 3/8       | 1/2        |
| TS17R-8  | 1/2       | 1/2        |
| TS17R-10 | 5/8       | 1/2        |
| TS17R-12 | 3/4       | 1/2        |
| TS17R-14 | 7/8       | 1/2        |
| TS17R-16 | 1         | 1/2        |
| TS17R-18 | 1-1/8     | 1/2        |
| TS17R-20 | 1-1/4     | 1/2        |
| TS17R-24 | 1-1/2     | 1/2        |
| TS17R-28 | 1-3/4     | 1/2        |
| TS17R-32 | 2         | 1/2        |
| TS17R-38 | 2-3/8     | 1/2        |
| TS17R-40 | 2-1/2     | 1/2        |
| TS17R-48 | 3         | 1/2        |
| TS17R-56 | 3-1/2     | 1/2        |
| TS17R-64 | 4         | 1/2        |



**RUBBER  
CUSHIONED  
WRAP AROUND  
TUBE STRAPS  
(1/4 INCH HOLE)**

**Stainless Steel**

| PART No.  | Tube O.D. | Band Width |
|-----------|-----------|------------|
| TSS17R-4  | 1/4       | 1/2        |
| TSS17R-6  | 3/8       | 1/2        |
| TSS17R-8  | 1/2       | 1/2        |
| TSS17R-10 | 5/8       | 1/2        |
| TSS17R-12 | 3/4       | 1/2        |
| TSS17R-16 | 1         | 1/2        |
| TSS17R-20 | 1-1/4     | 1/2        |
| TSS17R-24 | 1-1/2     | 1/2        |
| TSS17R-32 | 2         | 1/2        |



**RUBBER  
CUSHIONED  
WRAP AROUND  
TUBE STRAPS  
(3/8 INCH HOLE)**

**Steel – Zinc Plated**

| PART No. | Tube O.D. | Band Width |
|----------|-----------|------------|
| TS16R-4  | 1/4       | 5/8        |
| TS16R-5  | 5/16      | 5/8        |
| TS16R-6  | 3/8       | 5/8        |
| TS16R-8  | 1/2       | 5/8        |
| TS16R-10 | 5/8       | 5/8        |
| TS16R-12 | 3/4       | 5/8        |
| TS16R-14 | 7/8       | 5/8        |
| TS16R-16 | 1         | 5/8        |
| TS16R-18 | 1-1/8     | 5/8        |
| TS16R-20 | 1-1/4     | 5/8        |
| TS16R-24 | 1-1/2     | 5/8        |
| TS16R-32 | 2         | 5/8        |
| TS16R-38 | 2-3/8     | 5/8        |
| TS16R-40 | 2-1/2     | 5/8        |



**ONE HOLE  
TUBE  
STRAPS**

**Steel – Zinc Plated Heavy Type**

| PART No. | Tube O.D. | Band Width |
|----------|-----------|------------|
| TS20-2   | 1/8       | 1/2        |
| TS20-3   | 3/16      | 1/2        |
| TS20-4   | 1/4       | 1/2        |
| TS20-5   | 5/16      | 1/2        |
| TS20-6   | 3/8       | 5/8        |
| TS20-8   | 1/2       | 5/8        |
| TS20-10  | 5/8       | 3/4        |
| TS20-12  | 3/4       | 3/4        |
| TS20-16  | 1         | 7/8        |



**ONE HOLE  
TUBE  
STRAPS**

**Everdur Copper Heavy Type**

| PART No. | Tube O.D. | Band Width |
|----------|-----------|------------|
| TS21-4   | 1/4       | 1/2        |
| TS21-6   | 3/8       | 5/8        |
| TS21-8   | 1/2       | 5/8        |



**“DUPLEX”  
DOUBLE  
TUBE STRAP**

**Steel – Zinc Plated**

| PART No. | Tube O.D. | Tube O.D. |
|----------|-----------|-----------|
| TS19-44  | 1/4       | 1/4       |
| TS19-66  | 3/8       | 3/8       |



**TWO HOLE  
STRADDLE  
TUBE STRAPS**

**Steel - Copper Coated**

| PART No. | Tube O.D. | Nominal I.D. |
|----------|-----------|--------------|
| TS14-6   | 3/8       | 1/4          |
| TS14-8   | 1/2       | 3/8          |
| TS14-10  | 5/8       | 1/2          |
| TS14-14  | 7/8       | 3/4          |



**TWO HOLE  
STRADDLE  
TUBE STRAPS**

**Solid Copper**

| PART No. | Tube O.D. | Nominal I.D. |
|----------|-----------|--------------|
| TS15-6   | 3/8       | 1/4          |
| TS15-8   | 1/2       | 3/8          |



**TWO HOLE  
STRADDLE  
PIPE STRAPS**

**Steel – Zinc Plated**

| PART No. | For Pipe Size |
|----------|---------------|
| TS22-D   | 1/2           |
| TS22-E   | 3/4           |
| TS22-H   | 1             |
| TS22-J   | 1-1/4         |
| TS22-K   | 1-1/2         |
| TS22-M   | 2             |
| TS22-N   | 2-1/2         |



**HANGER  
STRAP  
3/4” Wide x  
1/32” Thick**

**Steel - Copper Coated**

| PART No. | Length (FT.) |
|----------|--------------|
| HS11-25  | 25           |

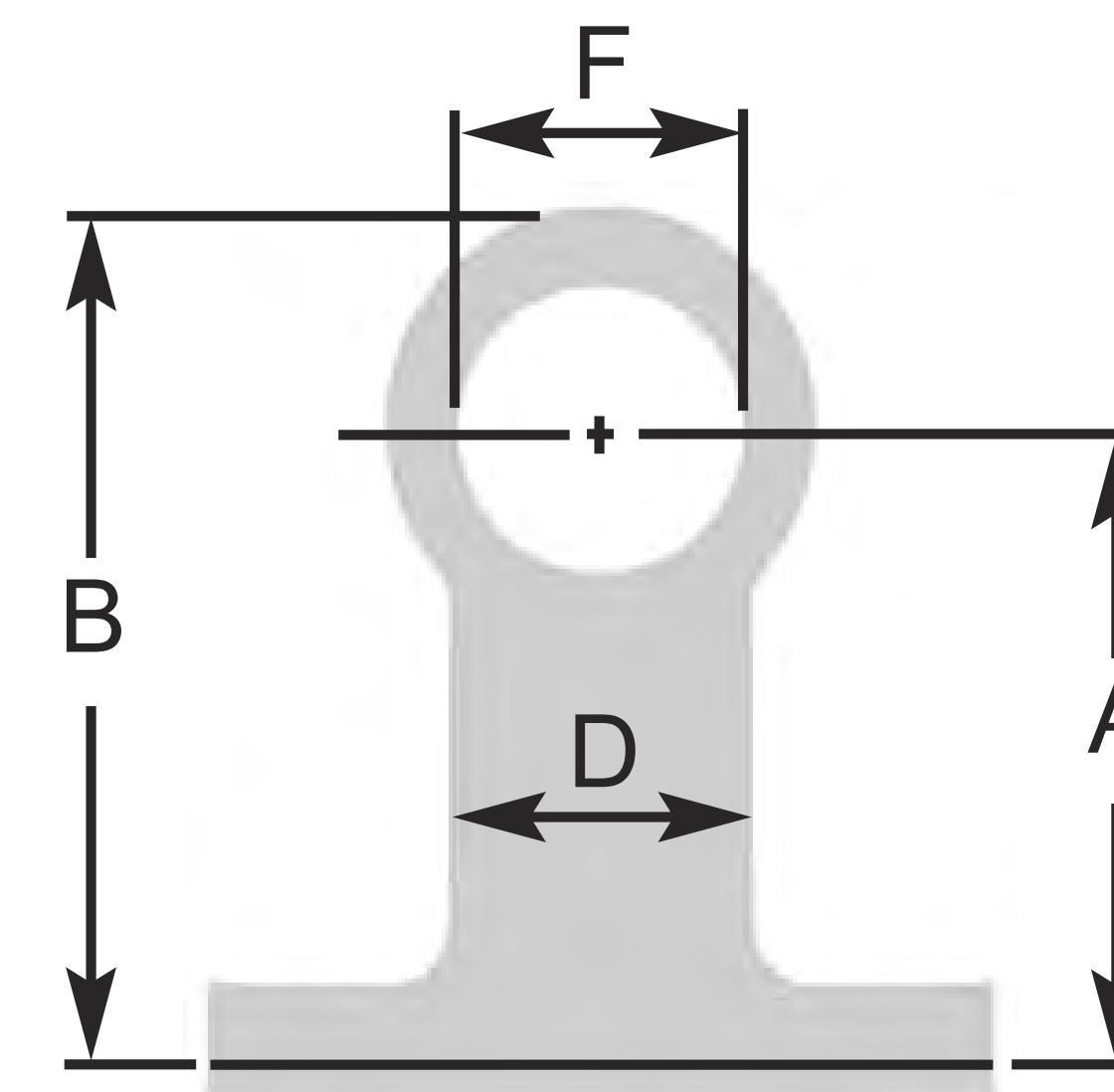
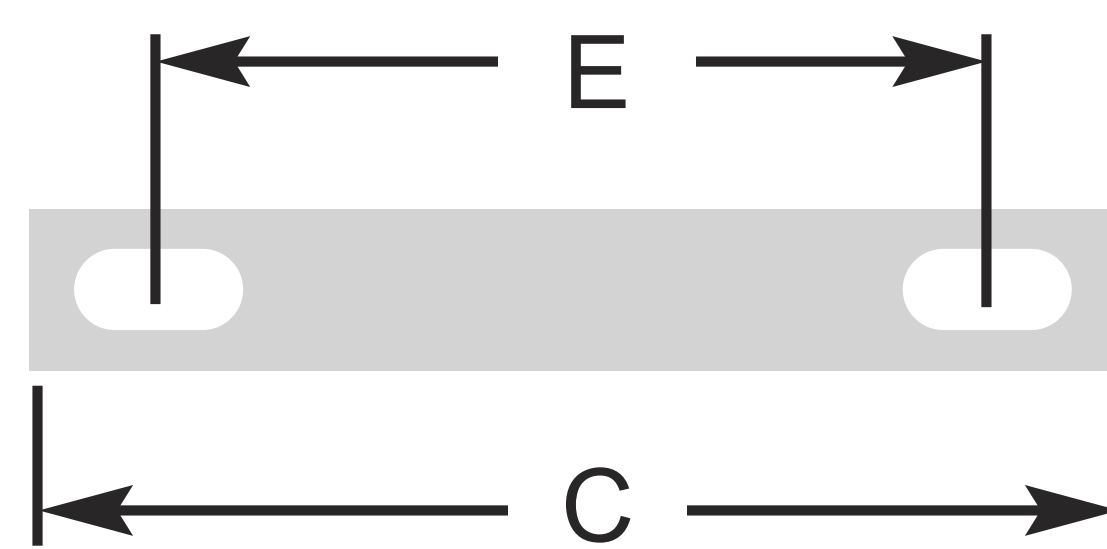
E



**PIPE STAY - STANDARD**



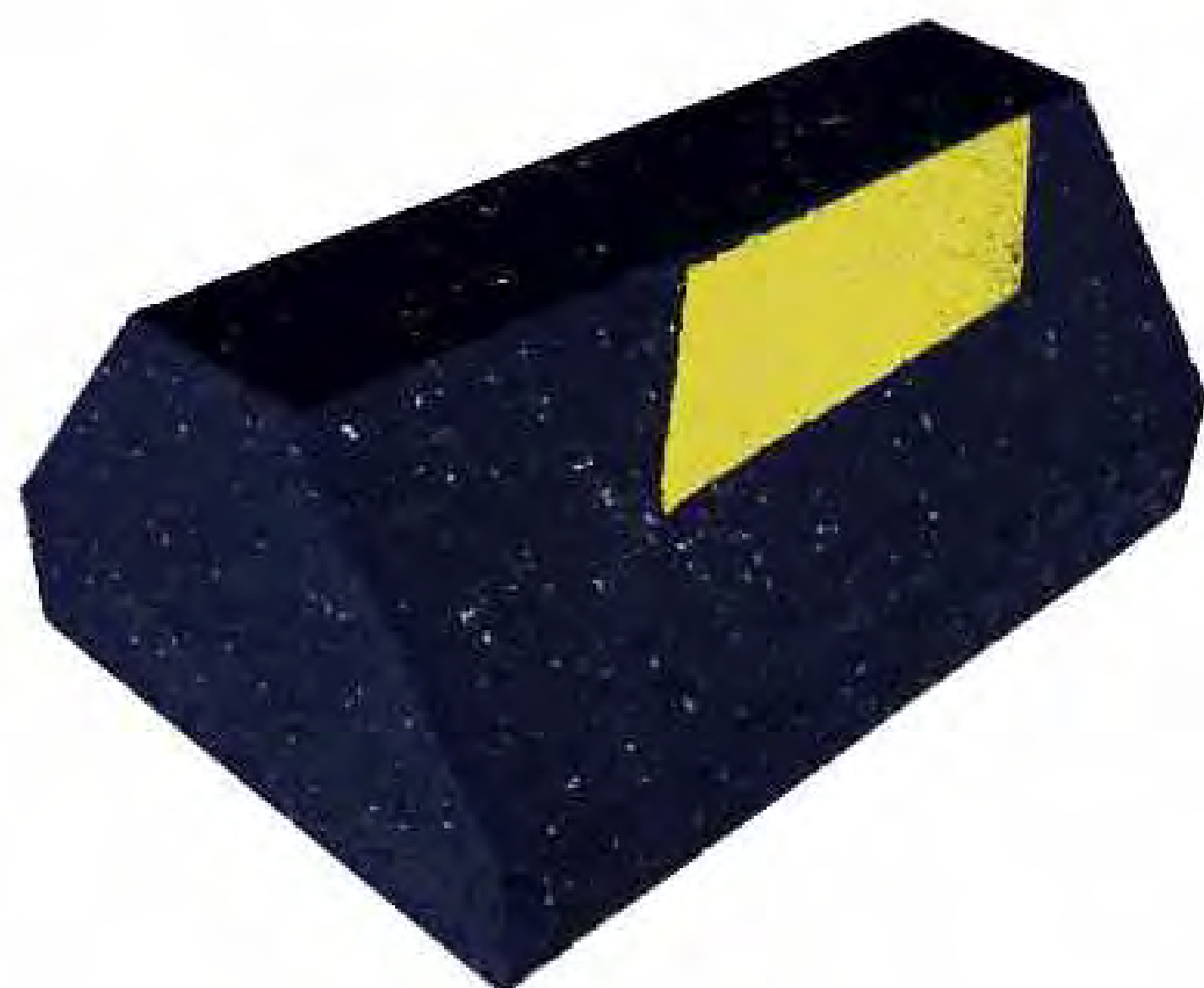
**Size Range:** 1/2" - 2" Copper / 3/8" - 2" Iron Pipe  
**Material:** Carbon Steel  
**Finish:** Black Epoxy Coated  
**Service:** Vertical or Horizontal Offset Pipe Guide



| PART No. | Copper/Pipe Size                 | SPECIFICATION DATA |         |       |        |       |         |
|----------|----------------------------------|--------------------|---------|-------|--------|-------|---------|
|          |                                  | A                  | B       | C     | D      | E     | F       |
| PS-8C    | 1/2" Copper / 3/8" Iron Pipe     | 1-1/8              | 1-13/18 | 2-1/2 | 1      | 1-3/4 | 11/16   |
| PSL-8C   |                                  | 2-1/2              | 3-1/8   |       |        |       |         |
| PS-12D   | 3/4" Copper / 1/2" Iron Pipe     | 1-3/16             | 1-7/8   | 3-1/4 | 1-1/4  | 2     | 29/32   |
| PSL-12D  |                                  | 2-1/2              | 3-1/4   |       |        |       |         |
| PS-16E   | 1" Copper / 3/4" Iron Pipe       | 1-1/2              | 2-7/16  | 4     | 1-3/4  | 3     | 1-5/32  |
| PSL-16E  |                                  | 2-11/16            | 3-9/16  |       |        |       |         |
| PS-20H   | 1-1/4" Copper / 1" Iron Pipe     | 1-1/2              | 2-9/16  | 4-1/2 | 2-3/16 | 3-1/4 | 1-13/32 |
| PSL-20H  |                                  | 2-11/16            | 3-11/16 |       |        |       |         |
| PS-24J   | 1-1/2" Copper / 1-1/4" Iron Pipe | 2-1/2              | 3-5/8   | 4     | 1-3/4  | 3     | 1-23/32 |
| PS-K     | 1-1/2" Iron Pipe                 | 2-5/8              | 4-3/16  | 4-1/2 | 2-3/16 | 3-1/4 | 1-31/32 |
| PS-M     | 2" Iron Pipe                     | 2-11/16            |         |       |        |       | 2-3/16  |

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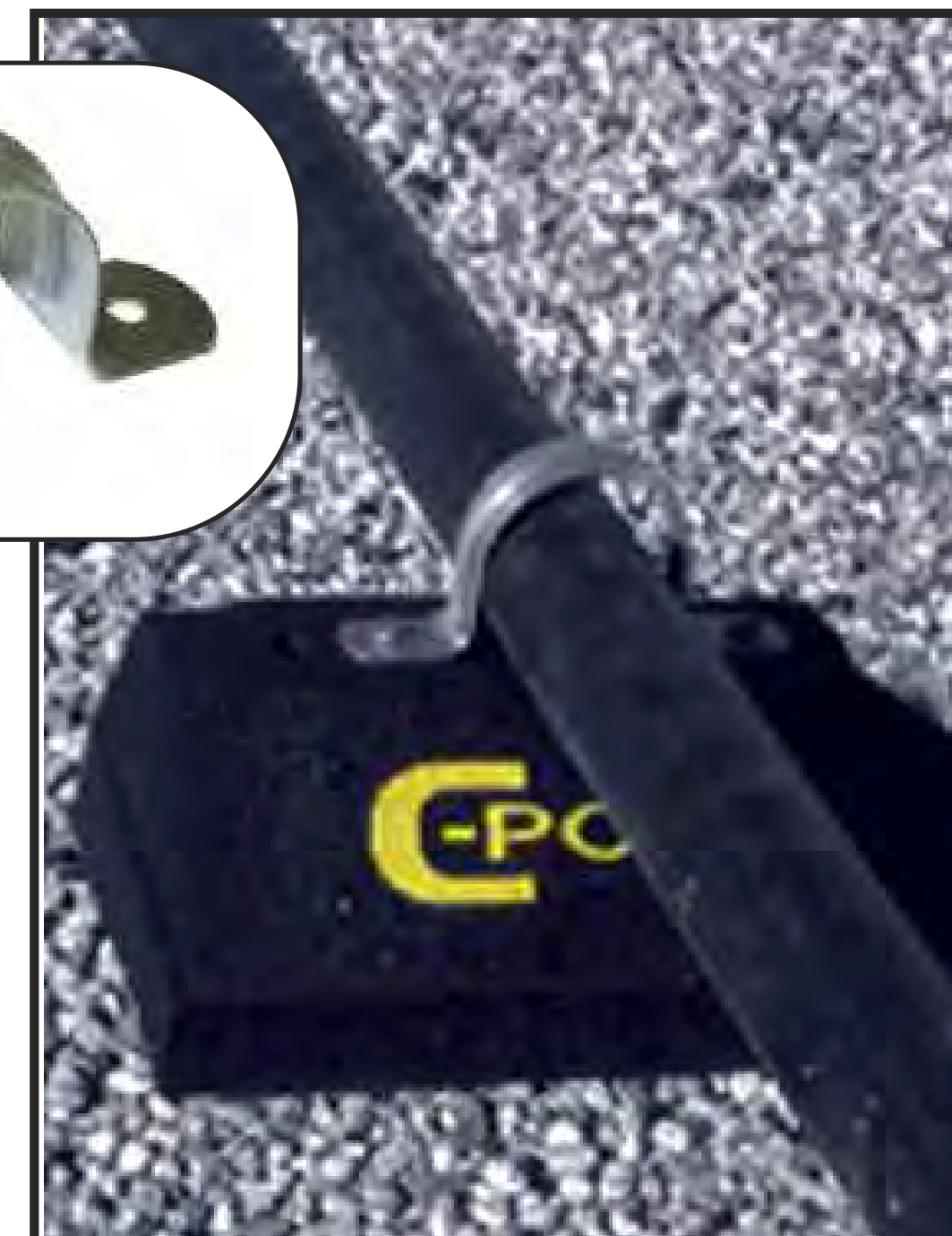
**ROOFTOP PIPE SUPPORT BLOCK**



**PART No. QB-1**



TS-22 Series Pipe Strap  
Previous Page



**Features:**

- 100% Recycled rubber.
- Compatible with most rooftop materials
- Dampens vibrations.
- No need for supplemental rubber pad.
- Will not float.
- Will not deteriorate.
- Extensive product line for all your needs.

**Applications:**

- Air Conditioning.
- Cable tray.
- Electric Conduit,
- Ducts, HVAC.
- Pipes,
- Roof walks...





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**VALVES AND SHUT-OFF COCKS**

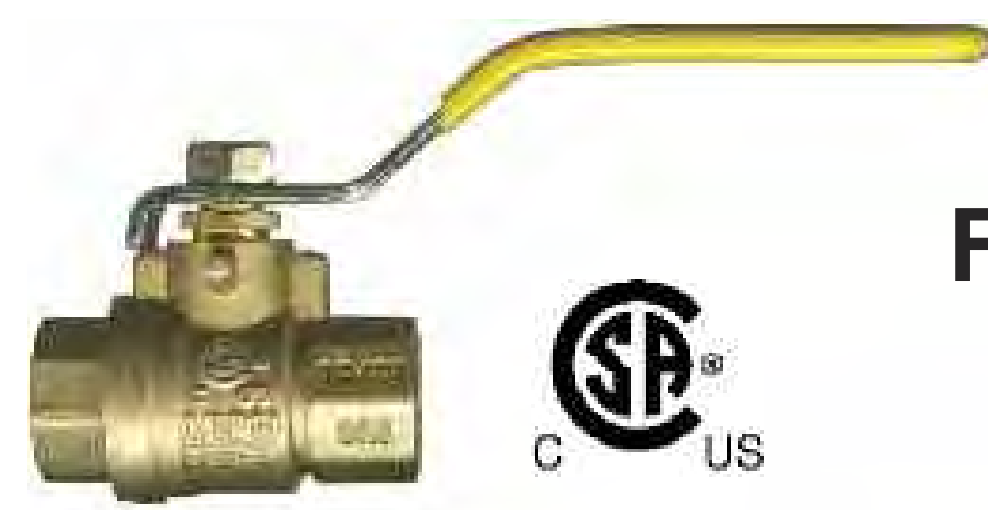
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F



**FORGED BRASS BALL VALVE - FULL PORT**



**PIPE  
Female To  
Female**

| PART No. | Pipe  | W.O.G. | W.S.P. |
|----------|-------|--------|--------|
| BV2103-A | 1/8   | 600    | 150    |
| BV2103-B | 1/4   | 600    | 150    |
| BV2103-C | 3/8   | 600    | 150    |
| BV2103-D | 1/2   | 600    | 150    |
| BV2103-E | 3/4   | 600    | 150    |
| BV2103-H | 1     | 600    | 150    |
| BV2103-J | 1-1/4 | 600    | 150    |
| BV2103-K | 1-1/2 | 600    | 150    |
| BV2103-M | 2     | 600    | 150    |
| BV2103-N | 2-1/2 | 400    | 150    |
| BV2103-P | 3     | 400    | 150    |



**Female  
To  
Female**

**Type K**

| PART No.     | Size  | W.O.G. |
|--------------|-------|--------|
| BVC4103-10 * | 1/2   | 600    |
| BVC4103-14 * | 3/4   | 600    |
| BVC4103-18 * | 1     | 600    |
| BVC4103-22   | 1-1/4 | 600    |
| BVC4103-26   | 1-1/2 | 600    |
| BVC4103-34   | 2     | 600    |



**PIPE  
Female To  
Female**

**With Locking Handle**

| PART No.    | Pipe  | W.O.G. | W.S.P. |
|-------------|-------|--------|--------|
| BV2103-B-LH | 1/4   | 600    | 150    |
| BV2103-C-LH | 3/8   | 600    | 150    |
| BV2103-D-LH | 1/2   | 600    | 150    |
| BV2103-E-LH | 3/4   | 600    | 150    |
| BV2103-H-LH | 1     | 600    | 150    |
| BV2103-J-LH | 1-1/4 | 600    | 150    |
| BV2103-K-LH | 1-1/2 | 600    | 150    |
| BV2103-M-LH | 2     | 600    | 150    |



**PIPE  
Female To  
Female**

| PART No. | Pipe  | W.O.G. |
|----------|-------|--------|
| BV4103-B | 1/4   | 600    |
| BV4103-C | 3/8   | 600    |
| BV4103-D | 1/2   | 600    |
| BV4103-E | 3/4   | 600    |
| BV4103-H | 1     | 600    |
| BV4103-J | 1-1/4 | 600    |
| BV4103-K | 1-1/2 | 600    |
| BV4103-M | 2     | 600    |
| BV4103-N | 2-1/2 | 400    |
| BV4103-P | 3     | 400    |
| BV4103-S | 4     | 400    |

\* C.S.A. Certified to 200 PSI for use with Fuel Oil

Soldering Temp. NOT TO EXCEED 400° F.

Stainless Steel handles available



**PIPE  
Female To  
Female**

**With Stainless Handle**

| PART No.     | Pipe  | W.O.G. |
|--------------|-------|--------|
| BV4103-B-SSH | 1/4   | 600    |
| BV4103-C-SSH | 3/8   | 600    |
| BV4103-D-SSH | 1/2   | 600    |
| BV4103-E-SSH | 3/4   | 600    |
| BV4103-H-SSH | 1     | 600    |
| BV4103-J-SSH | 1-1/4 | 600    |
| BV4103-K-SSH | 1-1/2 | 600    |
| BV4103-M-SSH | 2     | 600    |
| BV4103-N-SSH | 2-1/2 | 400    |
| BV4103-P-SSH | 3     | 400    |
| BV4103-S-SSH | 4     | 400    |

**Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.**

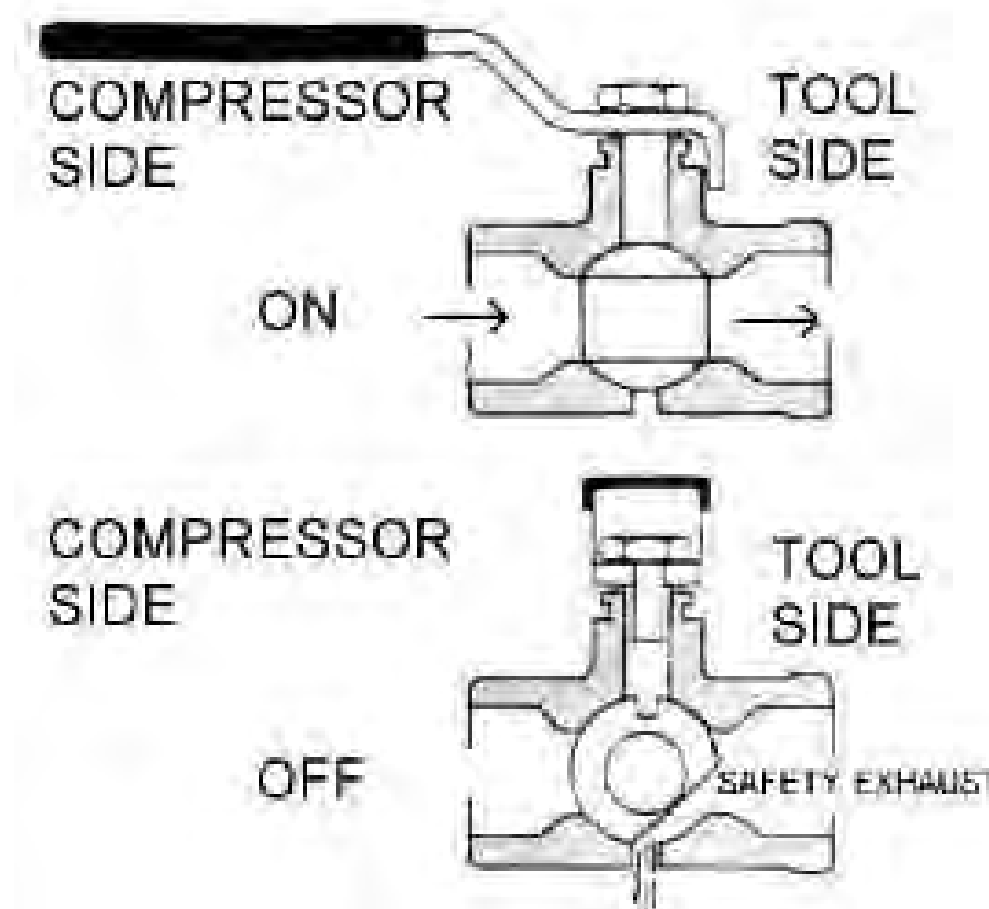
**SAFETY EXHAUST BALL VALVE**



**PIPE  
Female To  
Female**

| PART No.    | Pipe  | W.O.G. |
|-------------|-------|--------|
| LF-BV4103-B | 1/4   | 600    |
| LF-BV4103-C | 3/8   | 600    |
| LF-BV4103-D | 1/2   | 600    |
| LF-BV4103-E | 3/4   | 600    |
| LF-BV4103-H | 1     | 600    |
| LF-BV4103-J | 1-1/4 | 600    |
| LF-BV4103-K | 1-1/2 | 600    |
| LF-BV4103-M | 2     | 600    |

**Lead Free**



**PIPE  
Female To  
Female**



**PIPE  
Female To  
Female**

**With Locking Handle**

| PART No.   | Pipe |
|------------|------|
| BVSE2103-B | 1/4  |
| BVSE2103-C | 3/8  |
| BVSE2103-D | 1/2  |
| BVSE2103-E | 3/4  |

| PART No.      | Pipe |
|---------------|------|
| BVSE2103-B-LH | 1/4  |
| BVSE2103-C-LH | 3/8  |
| BVSE2103-D-LH | 1/2  |
| BVSE2103-E-LH | 3/4  |

THESE VALVES ARE DESIGNED TO EXHAUST DOWNSTREAM AIR IN THE CLOSED POSITION.



## BRASS 3-WAY BALL VALVE



**PIPE  
Female  
Ends  
3 Port  
2 - Way**

| PART No. | Pipe  | W.O.G. |
|----------|-------|--------|
| BV2101-B | 1/4   | 400    |
| BV2101-C | 3/8   | 400    |
| BV2101-D | 1/2   | 400    |
| BV2101-E | 3/4   | 400    |
| BV2101-H | 1     | 400    |
| BV2101-J | 1-1/4 | 400    |
| BV2101-K | 1-1/2 | 400    |
| BV2101-M | 2     | 400    |

## FORGED BRASS 3-WAY BALL VALVE



**PIPE  
Female  
Ends  
3 Port  
2 - Way**

**PRESSURE RATING:**

Bottom Port as inlet 500 P.S.I.  
Side Port as inlet 100 P.S.I.

| PART No.  | Pipe |
|-----------|------|
| BV2101T-B | 1/4  |
| BV2101T-C | 3/8  |
| BV2101T-D | 1/2  |

## MINIATURE BALL VALVES



**PIPE  
Female  
To  
Female**

| PART No.    | Pipe | W.O.G. |
|-------------|------|--------|
| BV3103-A    | 1/8  | 600    |
| BV3103-B    | 1/4  | 600    |
| LF-BV3103-A | 1/8  | 600    |

**Lead Free**

- Up to 600 P.S.I. Working Pressure.
- Temperature:  
-40°F to +300°F -40°C to 149°C
- Non-adjusting O-Ring stem seal design never needs tightening.

## CHROME PLATED BRASS BALL VALVE



**PIPE  
Female  
To  
Female**

| PART No.  | Size | W.O.G. |
|-----------|------|--------|
| BVT3103-A | 1/8  | 450    |
| BVT3103-B | 1/4  | 450    |
| BVT3103-C | 3/8  | 450    |
| BVT3103-D | 1/2  | 450    |

- Up to 450 P.S.I. Working Pressure.
- Temperature:  
0°F to +200°F -18°C to 93°C
- Buna-N O-Ring stem seal.



**PIPE  
Female  
To  
Male**

| PART No. | Pipe | W.O.G. |
|----------|------|--------|
| BV3120-A | 1/8  | 600    |
| BV3120-B | 1/4  | 600    |

- Long life nickel plated brass ball.
- Instantaneous on-off operation.
- Designed for use with water, oil and air pressure systems.



**PIPE  
Female  
To  
Male**

| PART No.  | Pipe | W.O.G. |
|-----------|------|--------|
| BVT3120-A | 1/8  | 450    |
| BVT3120-B | 1/4  | 450    |
| BVT3120-C | 3/8  | 450    |
| BVT3120-D | 1/2  | 450    |

- Up to 450 P.S.I. working pressure.
- Temperature:  
0°F to +200°F -18°C to 93°C
- Buna-N O-Ring stem seal.

## COMPRESSION BALL VALVE



| PART No.     |
|--------------|
| BV2062-10    |
| BV2062-14    |
| BV2062-18    |
| LF-BV2062-10 |
| LF-BV2062-14 |

### FORGED BODY TUBE TO TUBE

| Copper L<br>Size |
|------------------|
| 1/2              |
| 3/4              |
| 1                |
| <b>Lead Free</b> |
| 1/2              |
| 3/4              |

F



***BITE-FORCE*™ BY FAIRVIEW FORGED LEAD FREE BRASS PUSHFIT BALL VALVES**

Maximum Working pressure: 200 psi, Maximum temperature: 200°F (93°C), O-ring EPDM  
Design certified to ANSI/NSF-61 and ASSE 1061 product standard for use in  
potable water and hydronic heating water distribution.



Certified to  
NSF/ANSI 61-G



**Tube  
To  
Tube**

| PART No.       | CTS SIZE | CTS SIZE  |
|----------------|----------|-----------|
|                |          | Lead Free |
| LF-BVBF2129-10 | 1/2      | 1/2       |
| LF-BVBF2129-14 | 3/4      | 3/4       |
| LF-BVBF2129-18 | 1        | 1         |

FOR USE WITH COPPER, PEX AND CPVC PIPE



**Female  
Pipe  
To  
Tube**

| PART No.       | PIPE | CTS SIZE  |
|----------------|------|-----------|
|                |      | Lead Free |
| LF-BVBF2126-10 | 1/2  | 1/2       |
| LF-BVBF2126-14 | 3/4  | 3/4       |

FOR USE WITH COPPER, PEX AND CPVC PIPE



**Removal  
Tool**

| PART No. | CTS SIZE |
|----------|----------|
| BFRT-8   | 3/8      |
| BFRT-10  | 1/2      |
| BFRT-14  | 3/4      |
| BFRT-18  | 1        |



**Dimensions of PEX, CTS (Copper Tube Size) and CPVC\* (Chlorinated Poly Vinyl Chloride) tubes**

| Nominal (inches) | Outside Diameter (inches) | Inside Diameter (inches) |
|------------------|---------------------------|--------------------------|
| 1/2              | 0.625                     | 0.485                    |
| 3/4              | 0.875                     | 0.713                    |
| 1                | 1.125                     | 0.921                    |
| 1-1/4            | 1.375                     | 1.125                    |
| 1-1/2            | 1.625                     | 1.329                    |
| 2                | 2.125                     | 1.739                    |

\*Note: Chlorinated Poly Vinyl Chloride (CPVC) is a thermoplastic pipe and fitting material made with CPVC compounds meeting the requirements of ASTM Class 23447 as defined in ASTM Specification D1784. CPVC applications are for potable water distribution, corrosive fluid handling in industry, and fire suppression systems.

**FORGED BRASS PEX WATER BALL VALVES**



**PEX  
To Female  
Sweat**

| PART No.          | PEX | TUBE      |
|-------------------|-----|-----------|
|                   |     | Lead Free |
| BVPEX2126SW-10    | 1/2 | 1/2 K     |
| BVPEX2126SW-14    | 3/4 | 3/4 K     |
| LF-BVPEX2126SW-10 | 1/2 | 1/2 K     |
| LF-BVPEX2126SW-14 | 3/4 | 3/4 K     |

Double Viton® O-ring blow-out proof stem design 400 WOG



**PEX  
To  
PEX**

| PART No.        | PEX | PEX       |
|-----------------|-----|-----------|
|                 |     | Lead Free |
| BVPEX2129-10    | 1/2 | 1/2       |
| BVPEX2129-14    | 3/4 | 3/4       |
| BVPEX2129-18    | 1   | 1         |
| LF-BVPEX2129-10 | 1/2 | 1/2       |
| LF-BVPEX2129-14 | 3/4 | 3/4       |

Double Viton® O-ring blow-out proof stem design 400 WOG



## ACCUTEK® CARBON AND STAINLESS STEEL BALL VALVES

### 1 - PIECE DESIGN, STANDARD PORT 316 STAINLESS STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe  |
|------------|--------|-------|
| BVSS2003-B | 1000   | 1/4   |
| BVSS2003-C | 1000   | 3/8   |
| BVSS2003-D | 1000   | 1/2   |
| BVSS2003-E | 1000   | 3/4   |
| BVSS2003-H | 1000   | 1     |
| BVSS2003-J | 1000   | 1-1/4 |
| BVSS2003-K | 1000   | 1-1/2 |
| BVSS2003-M | 1000   | 2     |

### 2 - PIECE DESIGN, FULL PORT 316 STAINLESS STEEL



PIPE  
Female  
To  
Female

| PART No.        | W.O.G. | Pipe  |
|-----------------|--------|-------|
| BVSS2003-B-1000 | 1000   | 1/4   |
| BVSS2003-C-1000 | 1000   | 3/8   |
| BVSS2003-D-1000 | 1000   | 1/2   |
| BVSS2003-E-1000 | 1000   | 3/4   |
| BVSS2003-H-1000 | 1000   | 1     |
| BVSS2003-J-1000 | 1000   | 1-1/4 |
| BVSS2003-K-1000 | 1000   | 1-1/2 |
| BVSS2003-M-1000 | 1000   | 2     |

### 1 - PIECE BAR STOCK DESIGN, STANDARD PORT CARBON STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe  |
|------------|--------|-------|
| BVCS2103-B | 2000   | 1/4   |
| BVCS2103-C | 2000   | 3/8   |
| BVCS2103-D | 2000   | 1/2   |
| BVCS2103-E | 2000   | 3/4   |
| BVCS2103-H | 2000   | 1     |
| BVCS2103-J | 2000   | 1-1/4 |
| BVCS2103-K | 2000   | 1-1/2 |
| BVCS2103-M | 2000   | 2     |

### 1 - PIECE BAR STOCK DESIGN, STANDARD PORT 316 STAINLESS STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe  |
|------------|--------|-------|
| BVSS2103-B | 2000   | 1/4   |
| BVSS2103-C | 2000   | 3/8   |
| BVSS2103-D | 2000   | 1/2   |
| BVSS2103-E | 2000   | 3/4   |
| BVSS2103-H | 2000   | 1     |
| BVSS2103-J | 2000   | 1-1/4 |
| BVSS2103-K | 2000   | 1-1/2 |
| BVSS2103-M | 2000   | 2     |

F



## ACCUTEK® CARBON AND STAINLESS STEEL BALL VALVES

### 2 - PIECE DESIGN, FULL PORT

#### CARBON STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe  |
|------------|--------|-------|
| BVCS2203-B | 2000   | 1/4   |
| BVCS2203-C | 2000   | 3/8   |
| BVCS2203-D | 2000   | 1/2   |
| BVCS2203-E | 2000   | 3/4   |
| BVCS2203-H | 2000   | 1     |
| BVCS2203-J | 1500   | 1-1/4 |
| BVCS2203-K | 1500   | 1-1/2 |

#### 316 STAINLESS STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe  |
|------------|--------|-------|
| BVSS2203-B | 2000   | 1/4   |
| BVSS2203-C | 2000   | 3/8   |
| BVSS2203-D | 2000   | 1/2   |
| BVSS2203-E | 2000   | 3/4   |
| BVSS2203-H | 2000   | 1     |
| BVSS2203-J | 1500   | 1-1/4 |
| BVSS2203-K | 1500   | 1-1/2 |
| BVSS2203-M | 1500   | 2     |

### 2 - PIECE DESIGN, MEDIUM PRESSURE, FULL PORT

#### CARBON STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe |
|------------|--------|------|
| BVCS2303-B | 3000   | 1/4  |
| BVCS2303-C | 3000   | 3/8  |
| BVCS2303-D | 3000   | 1/2  |
| BVCS2303-E | 3000   | 3/4  |
| BVCS2303-H | 3000   | 1    |

### 3 - PIECE DESIGN, HIGH PRESSURE, FULL PORT

#### 316 STAINLESS STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Pipe |
|------------|--------|------|
| BVSS2403-B | 7250   | 1/4  |
| BVSS2403-C | 7250   | 3/8  |
| BVSS2403-D | 7250   | 1/2  |
| BVSS2403-E | 5075   | 3/4  |
| BVSS2403-H | 5075   | 1    |

## ACCUTEK® 3 - PIECE DESIGN, HIGH PRESSURE

#### CARBON STEEL



PIPE  
Female  
To  
Female

| PART No.   | W.O.G. | Female<br>Pipe | Port<br>Style |
|------------|--------|----------------|---------------|
| BVCS2403-B | 7250   | 1/4            | Full          |
| BVCS2403-C | 7250   | 3/8            | Full          |
| BVCS2403-D | 7250   | 1/2            | Full          |
| BVCS2403-E | 5075   | 3/4            | Full          |
| BVCS2403-H | 5075   | 1              | Full          |
| BVCS2403-J | 5075   | 1-1/4          | Standard      |
| BVCS2403-K | 5075   | 1-1/2          | Standard      |
| BVCS2403-M | 5075   | 2              | Standard      |

#### CARBON STEEL - ORB PORTS



Female  
ORB  
To  
Female  
ORB

| PART No.    | W.O.G. | Female<br>O-Ring | Port<br>Style |
|-------------|--------|------------------|---------------|
| BVCS2434-6  | 7250   | 9/16 - 18        | Full          |
| BVCS2434-8  | 7250   | 3/4 - 16         | Full          |
| BVCS2434-12 | 5075   | 1-1/16 - 12      | Full          |
| BVCS2434-16 | 5075   | 1-5/16 - 12      | Full          |

\* OTHER CONFIGURATIONS AVAILABLE UPON REQUEST \* ALSO AVAILABLE IN S.A.E. THREADS



# C.S.A. CERTIFIED FORGED BRASS BALL VALVES FOR NATURAL AND PROPANE GAS (VAPOR)



## FOR INDOOR / OUTDOOR APPLICATIONS



**PIPE  
Female  
To  
Female**

**PART No.**

BV2103-B  
BV2103-C  
BV2103-D  
BV2103-E  
BV2103-H  
BV2103-J  
BV2103-K  
BV2103-M



**Pipe**

1/4  
3/8  
1/2  
3/4  
1  
1-1/4  
1-1/2  
2

**C.S.A. certified to C.G.A. (3.16)** rated for 125 P.S.I. for use with LPG / Natural Gas

**C.S.A. certified to 200 P.S.I.** for use with Fuel Oil  
**Temperature:** -40°F to +150°F, -40°C to +65°C.



**PIPE  
Female  
To  
Female**

**PART No.**

BVT2103-C  
BVT2103-D  
BVT2103-E



**Pipe**

3/8  
1/2  
3/4

**C.S.A. certified to C.G.A. (3.16)** rated for 125 P.S.I. for use with LPG / Natural Gas

**C.S.A. certified to 200 P.S.I.** for use with Fuel Oil  
**Temperature:** -40°F to +150°F, -40°C to +65°C.



**PIPE  
Female  
To  
Female**

**PART No.**

BV5221-C  
BV5221-D  
BV5221-E



**Pipe**

3/8  
1/2  
3/4

**C.S.A. certified to 5 P.S.I.**

**Temperature:** -40°F to +125°F, -40°C to +52°C.



**PIPE  
Female  
To  
Female**

**PART No.**

BV5223-D  
BV5223-E



**Pipe**

1/2  
3/4

**C.S.A. certified to 5 P.S.I.**

**Temperature:** -40°F to +125°F, -40°C to +52°C.



**FLARE  
Tube  
To  
Tube**

**PART No.**

BV5042-6  
BV5042-8  
BV5042-10



**Tube**

3/8  
1/2  
5/8

**C.S.A. certified to 5 P.S.I.** from the appliance to the meter.  
**Temperature:** -40°F to +125°F, -40°C to +52°C.



**FLARE  
Tube  
To  
Female Pipe**

**PART No.**

BV5046-6D  
BV5046-8D  
BV5046-15/16D  
BV5046-15/16E



**Tube**

3/8  
1/2  
15/16  
15/16

**Pipe**

1/2  
1/2  
1/2  
3/4

**C.S.A. certified to 5 P.S.I.** from the appliance to the meter.  
**Temperature:** -40°F to +125°F, -40°C to +52°C.



**FLARE  
Tube  
To  
Male Pipe**

**PART No.**

BV5048-6D  
BV5048-8D



**Tube**

3/8  
1/2

**Pipe**

1/2  
1/2

**C.S.A. certified to 5 P.S.I.** from the appliance to the meter.  
**Temperature:** -40°F to +125°F, -40°C to +52°C.



**PIPE  
Female  
To  
Female**

**PART No.**

BVT5103-B  
BVT5103-C  
BVT5103-D  
BVT5103-E  
BVT5103-H



**Pipe**

1/4  
3/8  
1/2  
3/4  
1

**C.S.A. certified to 1/2 P.S.I.** from the appliance to the meter.  
**Temperature:** -40°F to +230°F, -40°C to +110°C.

**C.S.A. certified to 5 P.S.I.**

**Temperature:** +32°F to +125°F, 0°C to +52°C.

**NOTE:** Style of handle varies with pipe size.

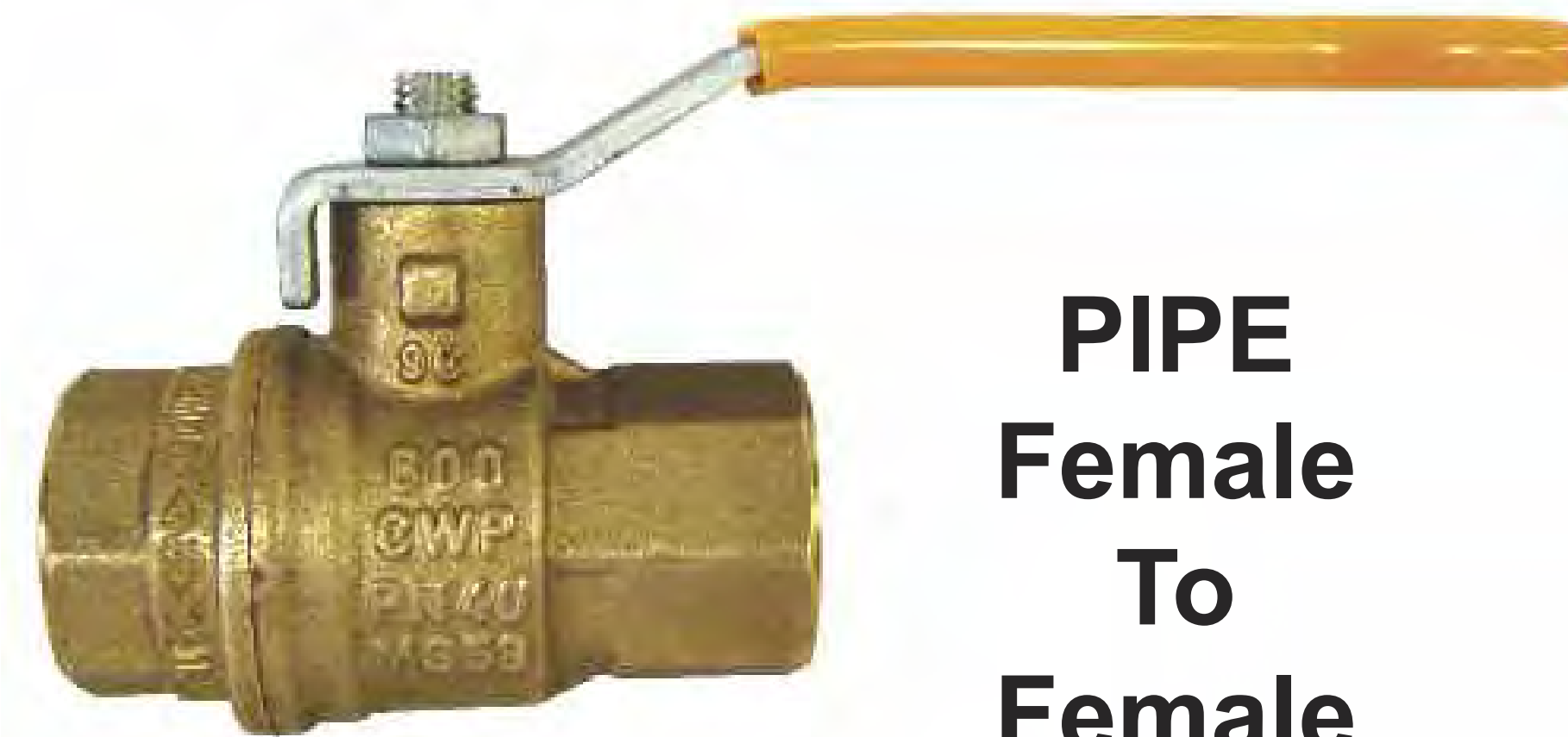
**CERTIFICATIONS CAN EXPIRE. THEY SHOULD BE CONFIRMED WITH THE APPROVING AGENCIES.**



**LIQUID / VAPOR LP GAS SHUT-OFF VALVES**

**Features and Specifications:**

- Hot forged brass ball valve.
- Blow out proof stem.
- Double Viton O-ring stem seal.
- Maximum working pressure 600 PSI.



**PIPE  
Female  
To  
Female**

**Temperature:** -40°F to +350°F  
-40°C to +177°C

UL Listed to 600 PSIG  
C.S.A. Certified to CGA 3.16 to 125 PSIG



| PART No. | Pipe  |
|----------|-------|
| BV9503-B | 1/4   |
| BV9503-C | 3/8   |
| BV9503-D | 1/2   |
| BV9503-E | 3/4   |
| BV9503-H | 1     |
| BV9503-J | 1-1/4 |
| BV9503-K | 1-1/2 |
| BV9503-M | 2     |

**C.S.A. CERTIFIED NATURAL AND LP GAS METER VALVES**

**Features and Specifications:**

- Hot forged sand blasted, unplated brass body and cap sealed with Loctite.
- Approved by Canadian standards Association (CSA formerly AGA and CGA) to ASME B16.33 & AGA Requirement #3-88, Underwriters Laboratories (UL), Canadian Underwriters Laboratories (cUL).
- Full port to DIN 3357 for maximum flow.
- Pure PTFE self-lubricating seats with flexible-lip design.
- Chrome plated brass ball for longer life.
- No metal-to-metal moving parts.
- Blowout-proof nickel plated brass stem.
- No maintenance ever required.
- Travel stops on body to avoid stresses at stem.
- Hot forged brass tamper proof lockwing.
- Cover clearly shows ball position.
- NPT taper ANSI B1.20.1 Female by Female threads.
- Silicone-free lubricant on all seals.
- 600 PSI non-shock cold working pressure.



**PIPE  
Female  
To  
Female**

PAINTED

**Temperature:** -40°F to +350°F  
-40°C to +177°C



| PAINTED<br>PART No. | Pipe |
|---------------------|------|
| BV2203P-E           | 3/4  |

**CERTIFICATIONS CAN EXPIRE. THEY SHOULD BE CONFIRMED WITH THE APPROVING AGENCIES.**



# C.S.A. CERTIFIED BRASS PRECISION NEEDLE VALVES FOR LP GAS TO 350 P.S.I.



These instrumentation valves with knurled brass hand wheels, are used with air, LP gases (such as torch applications) and liquids. Each valve is machined from brass bar stock and pressure tested at the factory. The stem is stainless steel with a fine thread for controlling flow and the O-ring packing assures leak proof, trouble free service.



**PIPE  
Female  
To  
Male**



|                           |             |             |
|---------------------------|-------------|-------------|
| <b>PART No.</b>           | <b>Flow</b> | <b>Pipe</b> |
| 850-A                     | →           | 1/8         |
| 850-B                     | →           | 1/4         |
| 850-BRF<br>(REVERSE FLOW) | ←           | 1/4         |



**WELDING  
STANDARD  
To  
Male Pipe**

|                         |             |             |                           |
|-------------------------|-------------|-------------|---------------------------|
| <b>PART No.</b>         | <b>Pipe</b> | <b>Flow</b> | <b>Welding<br/>Thread</b> |
| 853-L                   | 1/4         | →           | 9/16-18 L.H.              |
| 854-L<br>(REVERSE FLOW) | 1/4         | ←           | 9/16-18 L.H.              |



**PIPE  
Male  
To  
Male**



|                 |             |
|-----------------|-------------|
| <b>PART No.</b> | <b>Pipe</b> |
| 851-A           | 1/8         |
| 851-B           | 1/4         |



**PIPE  
Female  
To  
Female**



|                 |             |
|-----------------|-------------|
| <b>PART No.</b> | <b>Pipe</b> |
| 852-A           | 1/8         |
| 852-B           | 1/4         |

**CERTIFICATIONS CAN EXPIRE. THEY SHOULD BE CONFIRMED WITH THE APPROVING AGENCIES.**

## BRASS PRECISION NEEDLE VALVES



**PIPE  
Female  
To  
Male**

**PART No.**  
850-BRF-SP  
(REVERSE FLOW)

**Flow** ← **Pipe**  
1/4

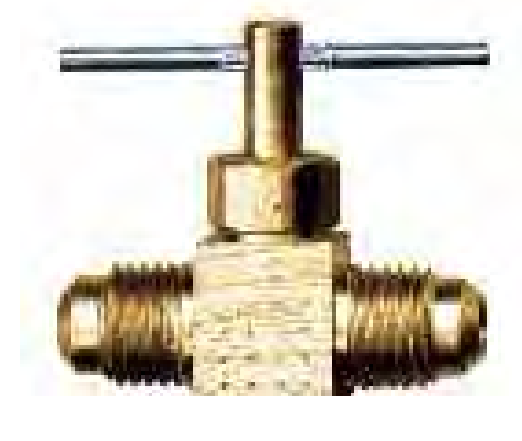
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# BRASS NEEDLE VALVES

(FOR WORKING PRESSURE UP TO 150 P.S.I.)



**FLARE  
Tube To  
Tube**

| PART No.         | Tube |
|------------------|------|
| 3042-4           | 1/4  |
| 3042-6           | 3/8  |
| <b>Lead Free</b> |      |
| LF-3042-6        | 3/8  |



**COMPRESSION  
ELBOW  
Tube To  
Male Pipe**

| PART No.         | Tube | Pipe |
|------------------|------|------|
| 3069-4A          | 1/4  | 1/8  |
| 3069-4B          | 1/4  | 1/4  |
| 3069-6B          | 3/8  | 1/4  |
| <b>Lead Free</b> |      |      |
| LF-3069-4A       | 1/4  | 1/8  |
| LF-3069-4B       | 1/4  | 1/4  |



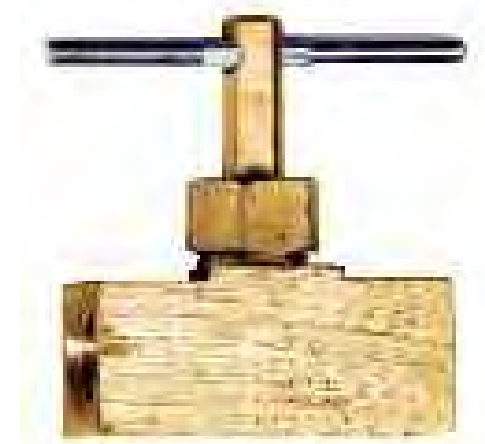
**PIPE  
Male To  
Male**

| PART No. | Pipe |
|----------|------|
| 3122-A   | 1/8  |
| 3122-B   | 1/4  |



**FLARE  
ELBOW  
Tube To  
Male Pipe**

| PART No. | Tube | Pipe |
|----------|------|------|
| 3049-4A  | 1/4  | 1/8  |



**PIPE  
Female  
To  
Female**

| PART No.         | Pipe |
|------------------|------|
| 3103-A           | 1/8  |
| 3103-B           | 1/4  |
| <b>Lead Free</b> |      |
| LF-3103-B        | 1/4  |



**COMPRESSION  
Poly Tube  
To  
Poly Tube**

| PART No. | Tube |
|----------|------|
| 3462-4   | 1/4  |
| 3462-6   | 3/8  |



**COMPRESSION  
Tube To  
Tube**

| PART No.         | Tube |
|------------------|------|
| 3062-4           | 1/4  |
| 3062-5           | 5/16 |
| 3062-6           | 3/8  |
| <b>Lead Free</b> |      |
| LF-3062-4        | 1/4  |
| LF-3062-6        | 3/8  |



**PIPE  
Female  
To Male**

| PART No.         | Pipe |
|------------------|------|
| 3120-A           | 1/8  |
| 3120-B           | 1/4  |
| <b>Lead Free</b> |      |
| LF-3120-B        | 1/4  |



**COMPRESSION  
Poly Tube  
To  
Male Pipe**

| PART No.         | Tube | Pipe |
|------------------|------|------|
| 3469-4A          | 1/4  | 1/8  |
| <b>Lead Free</b> |      |      |
| LF-3469-4A       | 1/4  | 1/8  |
| LF-3469-4B       | 1/4  | 1/4  |

## HUMIDIFIER WATER NEEDLE VALVE ASSEMBLIES



**NEEDLE  
VALVE  
ASSEMBLY**

**Complete With  
Brass Forged Clamp**

**PART No.**  
S3069-4

**Description**  
For 1/4 O.D. Tube Assembly



**NEEDLE VALVE  
ASSEMBLY  
Complete With Steel  
Clamp (Zinc Plated)**

**PART No.**  
S3069-ST-4

**Description**  
Self Tapping Assembly

Packaged complete with insert, sleeve and instructions.

**Lead Free refers to the wetted surface of pipe, fittings and fixtures in potable water systems that have a weighted average lead content less than or equal to 0.25%.**



## C.S.A. CERTIFIED OIL TANK VALVES



**MALE PIPE  
TO  
MALE PIPE**

| PART No. | Pipe | Pipe | W.O.G. |
|----------|------|------|--------|
| 1122-DC  | 1/2  | 3/8  | 200    |

CSA Certified to 200 PSI for use with Fuel ,Oil.  
**Temperature:** -40°F to +149°F  
-40°C to +65°C



**MALE FLARE  
TO  
MALE PIPE**

(Complete with flare nut 40-6)

| PART No. | Tube | Pipe | W.O.G. |
|----------|------|------|--------|
| 1048-6D  | 3/8  | 1/2  | 200    |

CSA Certified to 200 PSI for use with Fuel ,Oil.  
**Temperature:** -40°F to +149°F  
-40°C to +65°C



**1/4 TURN  
BALL VALVE  
MALE PIPE TO  
MALE PIPE**

| PART No.  | Pipe | Pipe | W.O.G. |
|-----------|------|------|--------|
| BV1122-DC | 1/2  | 3/8  | 200    |

CSA Certified to 200 PSI for use with Fuel ,Oil.  
**Temperature:** -40°F to +149°F  
-40°C to +65°C



**1/4 TURN  
BALL VALVE  
MALE FLARE TO  
MALE PIPE**

(Complete with flare nut 40-6)

| PART No.  | Tube | Pipe | W.O.G. |
|-----------|------|------|--------|
| BV1048-6D | 3/8  | 1/2  | 200    |

CSA Certified to 200 PSI for use with Fuel ,Oil.  
**Temperature:** -40°F to +149°F  
-40°C to +65°C



**1/4 TURN  
90° BALL VALVE  
MALE PIPE  
TO  
MALE PIPE**

| PART No.  | Pipe | Pipe | W.O.G. |
|-----------|------|------|--------|
| BV1199-DC | 1/2  | 3/8  | 200    |

CSA Certified to 200 PSI for use with Fuel ,Oil.  
**Temperature:** -40°F to +149°F  
-40°C to +65°C



**1/4 TURN  
90° BALL VALVE  
MALE FLARE TO  
MALE PIPE**

(Complete with flare nut 40-6)

| PART No.  | Tube | Pipe | W.O.G. |
|-----------|------|------|--------|
| BV1049-6D | 3/8  | 1/2  | 200    |
| BV1049-8D | 1/2  | 1/2  | 200    |

CSA Certified to 200 PSI for use with Fuel ,Oil.  
**Temperature:** -40°F to +149°F  
-40°C to +65°C

## DRUM AND BARREL FAUCET



**SELF-CLOSING NYLON SEAT**

| PART No. | Pipe |
|----------|------|
| G261     | 3/4  |

**NOT AFFECTED BY WEATHER**

## OIL AND MOLASSES GATE VALVE



**MALE PIPE**

| PART No. | Pipe |
|----------|------|
| MGV-E    | 3/4  |
| MGV-M    | 2    |

**FOR USE WITH:** • All Petroleum Products • Degreasing Hydrocarbon Liquids • Alcohol • Auto Anti-Freeze • Lacquers • Varnishes • Thinners  
**NOT FOR USE WITH:** Trichlorethylene And Other Chlorinated Products Or Detergents And Water Solution Chemicals.

F



**GATE VALVES**



**FEMALE PIPE**

| PART No. | Pipe  | W.O.G. |
|----------|-------|--------|
| 217-B    | 1/4   | 200    |
| 217-C    | 3/8   | 200    |
| 217-D    | 1/2   | 200    |
| 217-E    | 3/4   | 200    |
| 217-H    | 1     | 200    |
| 217-J    | 1-1/4 | 200    |
| 217-K    | 1-1/2 | 200    |
| 217-M    | 2     | 200    |
| 217-N    | 2-1/2 | 200    |
| 217-P    | 3     | 200    |
| 217-S    | 4     | 200    |

**ANGLE VALVES**

**FLARE TO MALE PIPE**

**Forged Body**



| PART No. | Tube | Pipe | P.S.I. |
|----------|------|------|--------|
| 1049-6B  | 3/8  | 1/4  | 200    |
| 1049-6C  | 3/8  | 3/8  | 200    |
| 1049-6D  | 3/8  | 1/2  | 200    |
| 1049-8C  | 1/2  | 3/8  | 200    |
| 1049-10D | 5/8  | 1/2  | 200    |

**SELECTOR VALVES WITH CLICK**



**THREE WAY SHUT-OFF**  
(With Mounting Bracket)  
Flow either of two side ports to center port.  
All Ports Female Pipe

| PART No. | Pipe | Stem Length | P.S.I. |
|----------|------|-------------|--------|
| 2101-B   | 1/4  | 1-3/8"      | 30     |
| 2101-C   | 3/8  | 1-3/8"      | 30     |

OPERATING TEMPERATURE: -40°F to +180°F, -40°C to +82°C

**HOSE TO MALE PIPE**

**Forged Body**



| PART No. | Hose I.D. | Pipe | P.S.I. |
|----------|-----------|------|--------|
| 1139-6C  | 3/8       | 3/8  | 200    |
| 1139-8C  | 1/2       | 3/8  | 200    |
| 1139-10C | 5/8       | 3/8  | 200    |
| 1139-10D | 5/8       | 1/2  | 200    |
| 1139-12C | 3/4       | 3/8  | 200    |
| 1139-12D | 3/4       | 1/2  | 200    |

**HOSE TO MALE PIPE**

**Forged Body**

**Heater Valve**



| PART No.   | Hose I.D. | Pipe | P.S.I. |
|------------|-----------|------|--------|
| HV1139-10C | 5/8       | 3/8  | 200    |



**FOUR WAY SHUT-OFF**  
(With Mounting Bracket)  
Flow either of three side ports to bottom port.  
All Ports Female Pipe

| PART No. | Pipe | Stem Length | P.S.I. |
|----------|------|-------------|--------|
| 2102-B   | 1/4  | 1-3/8"      | 30     |
| 2102-C   | 3/8  | 1-3/8"      | 30     |

OPERATING TEMPERATURE: -40°F to +180°F, -40°C to +82°C

**MALE PIPE TO FEMALE PIPE**

**Forged Body**



| PART No. | Male Pipe | Female Pipe | P.S.I. |
|----------|-----------|-------------|--------|
| 1115-CC  | 3/8       | 3/8         | 200    |
| 1115-DC  | 1/2       | 3/8         | 200    |

**FLARE TO MALE PIPE**

**Forged Body**



| PART No. | Tube | Pipe | P.S.I. |
|----------|------|------|--------|
| 1054-6D  | 3/8  | 1/2  | 200    |
| 1054-6E  | 3/8  | 3/4  | 200    |

F



## C.S.A. CERTIFIED WATER THREAD VALVES (Also known as Sediment Faucets)



**WATER HOSE  
TO  
MALE PIPE**

\* I.D. OF MALE PIPE WILL ACCOMMODATE  
1/2 TYPE K COPPER TUBE FOR SOLDERING

CSA Certified to 200 PSI for use with Fuel Oil.

Temperature: -40°F to +149°F  
-40°C to +65°C

**PART No.**  
224-D \*  
224-E

**Pipe**  
1/2  
3/4



**WATER HOSE  
TO  
MALE PIPE**

\* I.D. OF MALE PIPE WILL ACCOMMODATE  
1/2 TYPE K COPPER TUBE FOR SOLDERING

CSA Certified to 200 PSI for use with Fuel Oil.

Temperature: -40°F to +149°F  
-40°C to +65°C

**PART No.**  
225-D \*

**Pipe**  
1/2

## **BITE-FORCE**™ PUSH-FIT WATER SHUT-OFF VALVES BY FAIRVIEW

Maximum Working pressure: 200 psi, Maximum temperature: 200°F (93°C), O-ring EPDM  
Design certified to ANSI/NSF-61 and ASSE 1061 product standard for use in potable water and  
hydronic heating water distribution.



Certified to  
NSF/ANSI 61-G



**CTS To  
Compression  
Straight**

**PART No.**

LF-WSBF68-106

**CTS SIZE**      **TUBE**  
**Lead Free**  
1/2                      3/8



**CTS To  
Compression  
90° Elbow**

**PART No.**

LF-WSBF69-106

**CTS SIZE**      **TUBE**  
**Lead Free**  
1/2                      3/8



**CTS To CTS  
Straight**

**PART No.**

LF-WSBF62-108

**CTS SIZE**      **CTS SIZE**  
**Lead Free**  
1/2                      3/8



**CTS To CTS  
90° Elbow**

**PART No.**

LF-WSBF65-108

**CTS SIZE**      **CTS SIZE**  
**Lead Free**  
1/2                      3/8



**Removal  
Tool**

**PART No.**

BFRT-8  
BFRT-10  
BFRT-14  
BFRT-18

**CTS SIZE**  
3/8  
1/2  
3/4  
1

### Dimensions of PEX, CTS (Copper Tube Size) and CPVC\* (Chlorinated Poly Vinyl Chloride) tubes

| Nominal<br>(inches) | Outside<br>Diameter<br>(inches) | Inside<br>Diameter<br>(inches) | Weight<br>(lb/ft) |
|---------------------|---------------------------------|--------------------------------|-------------------|
| 1/2                 | 0.625                           | 0.485                          | 0.085             |
| 3/4                 | 0.875                           | 0.713                          | 0.140             |
| 1                   | 1.125                           | 0.921                          | 0.218             |
| 1 1/4               | 1.375                           | 1.125                          | 0.330             |
| 1 1/2               | 1.625                           | 1.329                          | 0.460             |
| 2                   | 2.125                           | 1.739                          | 0.790             |

\*Note: Chlorinated Poly Vinyl Chloride (CPVC) is a thermoplastic pipe and fitting material made with CPVC compounds meeting the requirements of ASTM Class 23447 as defined in ASTM Specification D1784. CPVC applications are for potable water distribution, corrosive fluid handling in industry, and fire suppression systems.

F



**John Guest® NSF 61**

**1/2 INCH POLYPROPYLENE ANGLE VALVE**

The **ASVPP** Range of inch-size Angle Stop Adapter Valves is offered in white polypropylene with food grade EPDM o-rings. Our Angle Stop Adapter Valve connects between your valve and riser, to the main water supply line, for applications in Reverse Osmosis, Filtration Systems, Automatic Coffee Brewers, Ice Makers and many more.

The valves are not to be used with compressed air, explosive gases, petroleum spirits and any other fuels, or heating systems.

**FOR COLD WATER SUPPLY USE ONLY.**

**Working Pressure and Temperatures**

Water Max. 150 psi @ 70°F (10 Bar AT 20°C)  
Max. 60 psi @ 140°F (4 Bar AT 60°C)  
Min. 33°F / 1°C



**Angle Stop Adapter 1/4 Turn Valve (Compression)**

**PART No.**  
ASVPP1LF  
ASVPP2LF

**Size Tube X Comp**  
1/4 - M. 3/8 - F. 3/8  
3/8 - M. 3/8 - F. 3/8



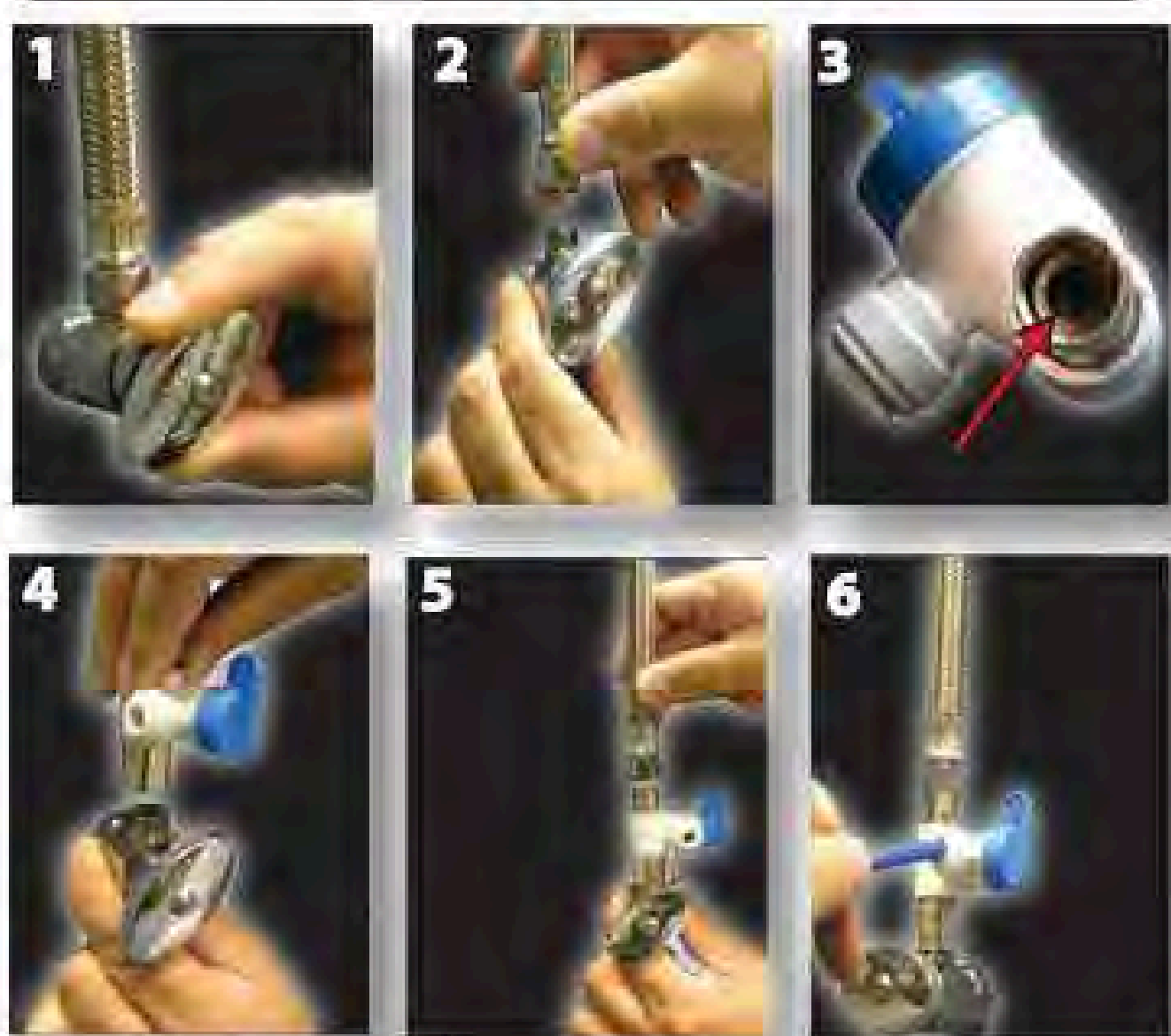
**Angle Stop 1/4 Turn Valve (With M/F Thread Adapter)**

**PART No.**  
ASVPP5LF  
ASVPP6LF

**Size NPS X Comp X Tube**  
M/F. 1/2 - M. 3/8 - 1/4 T  
M/F. 1/2 - M. 3/8 - 3/8 T

Conversion Adapter can be threaded to either side of the valve to make configurations of 1/2 x 1/2 NPS or 3/8 x 3/8 Compression.

**How to connect the Angle Stop Adapter Valve**



1. Shut-off water supply at brass/ chrome supply valve.
2. Disconnect riser from brass/chrome supply valve.
3. Ensure that the sealing gasket is fully inserted into the Angle Stop Valve female thread.
4. Install Angle Stop Adapter Valve on supply valve.
5. Connect the riser to the Angle Stop Adapter Valve.
6. Fully insert tubing into the Speedfit side of the valve.
7. Open valves and check for leaks.

**DO NOT USE THESE VALVES:**

- In a partially open position to control flow.
- Without tubing assembled or plugged. (or threaded connections sealed)
- As a tap or faucet.

**John Guest® NSF 61**

**1/2 INCH POLYPROPYLENE SHUT-OFF VALVE**

The **PPSV** Range of Shut-Off Valve is offered for tube sizes 1/4 o.d. and 3/8 o.d. produced in polypropylene and fitted with EPDM O-rings. Polypropylene has the advantage of being more chemically resistant than acetal.

The valves are for use with potable water. For use with other potable liquids please contact our technical support Department for guidance.

The valves are not to be used with compressed air, explosive gases, petroleum spirits and any other fuels, or heating systems.

**Working Pressure and Temperatures**

Water Max. 150 psi @ 70°F (10 Bar AT 20°C)  
Max. 60 psi @ 140°F (4 Bar AT 60°C)  
Min. 33°F / 1°C



**Shut-Off 1/4 Turn Valve (Speed-fit - Male)**

**PART No.**  
PPSV010822W  
PPSV011223W

**Size Tube X NPTF**  
1/4 X 1/4  
3/8 X 3/8



**Shut-Off 1/4 Turn Valve (Speed-fit)**

**PART No.**  
PPSV040808W  
PPSV041212W

**Size Tube**  
1/4  
3/8



**Shut-Off 1/4 Turn Valve (Speed-fit/Female)**

**PART No.**  
PPSV500822W  
PPSV501222W

**Size Tube X NPTF**  
1/4 X 1/4  
3/8 X 1/4



**Shut-Off 1/4 Turn Valve (Speed-fit/Female)**

**PART No.**  
PPSV451223W

**Size Tube X NPTF**  
3/8 X 3/8

**John Guest® NSF 61**

**1/2 INCH ACETAL SHUT-OFF VALVE**

The **PISV** Range of Inch-size Shut-Off Valves is available in 3/8" and 1/2" tube O.D. size. The Valve is manufactured in gray acetal copolymer with a nitrile o-ring. The valves are available with long and short handles to operate a 1/4 turn off action.



**Shut-Off 1/4 Turn Valve (Speed-fit)**

**PART No.**  
PISV0412S  
PPSV0412CS  
PISV0416S

**Size Tube**  
3/8 (LONG HANDLE)  
3/8 (SHORT HANDLE)  
1/2 (LONG HANDLE)

**JG ProLock™**

TWIST. LOCK. FIT. EVERY TIME.



**SHUT-OFF VALVE**

**PART No.**  
PSEISV20EP  
PSEISV28EP

**CTS/PEX Size**  
1/2  
3/4



**FEMALE GARDEN HOSE ELBOW**

**PART No.**  
NC2723

**CTS/PEX Size X NH**  
3/8 X 3/4 - 11.5

**John Guest® NSF 61**

**CTS JG TWIST & LOCK® FITTINGS**

FOR USE WITH COPPER, PEX AND CPVC PIPE



**1/4 Turn Shut-Off Valve**

**PART No.**  
PSEISV20P  
PSEISV28P  
PSEISV28EP

**CTS/PEX Size**  
1/2  
3/4  
3/4 (Black)



**Includes 2 interchangeable buttons for color coding hot and cold**

Black valve is UV stabilized.

Must only be used in the fully open or closed position.

F



## BRASS SPRING BOTTOM SHUT-OFF COCKS

(Not Recommended For Use With Liquids)



**FLARE  
Tube  
To  
Tube**

| PART No. | Tube | P.S.I. |
|----------|------|--------|
| 2042-6   | 3/8  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C



**PIPE  
Female  
To  
Female**

| PART No. | Pipe | P.S.I. |
|----------|------|--------|
| 2103-A   | 1/8  | 30     |
| 2103-B   | 1/4  | 30     |
| 2103-C   | 3/8  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C



**FLARE  
Tube  
To  
Male Pipe**

| PART No. | Tube | Pipe | P.S.I. |
|----------|------|------|--------|
| 2048-4B  | 1/4  | 1/4  | 30     |
| 2048-5B  | 5/16 | 1/4  | 30     |
| 2048-6B  | 3/8  | 1/4  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C



**PIPE  
Female  
To  
Male**

| PART No. | Pipe | P.S.I. |
|----------|------|--------|
| 2120-A   | 1/8  | 30     |
| 2120-B   | 1/4  | 30     |
| 2120-C   | 3/8  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C



**COMPRESSION  
Tube  
To  
Male Pipe**

| PART No. | Tube | Pipe | P.S.I. |
|----------|------|------|--------|
| 2068-4B  | 1/4  | 1/4  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C



**PIPE  
Male  
To  
Male**

| PART No. | Pipe | P.S.I. |
|----------|------|--------|
| 2122-B   | 1/4  | 30     |
| 2122-C   | 3/8  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C

## BRASS CLOSED BOTTOM SHUT-OFF COCKS



**PIPE  
Female  
To  
Female**

| PART No. | Pipe | P.S.I. |
|----------|------|--------|
| 5103-B   | 1/4  | 30     |
| 5103-C   | 3/8  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C



**PIPE  
Female  
To  
Male**

| PART No. | Pipe | P.S.I. |
|----------|------|--------|
| 5120-A   | 1/8  | 30     |
| 5120-B   | 1/4  | 30     |
| 5120-C   | 3/8  | 30     |

TEMPERATURE: -40°F to +250°F  
-40°C to +121°C

F



## HEX SHOULDER - TEE HANDLE



**DOUBLE FEMALE  
Hex Shoulder  
Tee Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 6103-B          | 1/4         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C



**DOUBLE MALE  
Hex Shoulder  
Tee Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 6122-B          | 1/4         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C



**MALE AND  
FEMALE  
Hex Shoulder  
Tee Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 6120-A          | 1/8         | 100           |
| 6120-B          | 1/4         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C



**STRAIGHT DRAIN  
Hex Shoulder  
Tee Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 6125-A          | 1/8         | 100           |
| 6125-B          | 1/4         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C

## ROUND SHOULDER - TEE HANDLE



**DOUBLE FEMALE  
Round Shoulder  
Tee Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 7103-B          | 1/4         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C



**MALE AND  
FEMALE  
Round Shoulder  
Tee Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 7120-A          | 1/8         | 100           |
| 7120-B          | 1/4         | 100           |
| 7120-C          | 3/8         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C

## HEX SHOULDER - LEVER HANDLE



**DOUBLE FEMALE  
Hex Shoulder  
Lever Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 8103-A          | 1/8         | 100           |
| 8103-B          | 1/4         | 100           |
| 8103-C          | 3/8         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C



**STRAIGHT DRAIN  
Hex Shoulder  
Lever Handle**

|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 8125-A          | 1/8         | 100           |
| 8125-B          | 1/4         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C



**MALE AND  
FEMALE  
Hex Shoulder  
Lever Handle**



|                 |             |               |
|-----------------|-------------|---------------|
| <b>PART No.</b> | <b>Pipe</b> | <b>P.S.I.</b> |
| 8120-A          | 1/8         | 100           |
| 8120-B          | 1/4         | 100           |
| 8120-C          | 3/8         | 100           |

TEMPERATURE: 0°F to +180°F  
-18°C to +82°C




FAIRVIEW AIR COCKS ARE NOT DESIGNED FOR USE WITH STEAM OR LIQUID.






## BACK SEATING TYPE

|                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>BACK SEATING TYPE WITH EXTENSION OUTLET</b></p> <p><b>PART No.</b><br/>239-B</p> <p><b>Pipe</b><br/>1/4</p> <p><b>Working Pressure (P.S.I.)</b><br/>Designed for Constant Pressure use between 20 and 150 PSI</p> |  <p><b>BACK SEATING TYPE</b></p> <p><b>PART No.</b><br/>240-A<br/>240-B<br/>240-C<br/>240-D</p> <p><b>Pipe</b><br/>1/8<br/>1/4<br/>3/8<br/>1/2</p> <p><b>Working Pressure (P.S.I.)</b><br/>Designed for Constant Pressure use between 15 and 150 PSI</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## GROUND KEY PLUG TYPE

|                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>GROUND KEY PLUG TYPE LEVER HANDLE</b></p> <p><b>PART No.</b><br/>241-A<br/>241-B<br/>241-C<br/>241-D</p> <p><b>Pipe</b><br/>1/8<br/>1/4<br/>3/8<br/>1/2</p> <p><b>Working Pressure (P.S.I.)</b><br/>30<br/>30<br/>30<br/>30</p> |  <p><b>GROUND KEY PLUG TYPE LEVER HANDLE (Heavy Pattern)</b></p> <p><b>PART No.</b><br/>241HP-B</p> <p><b>Pipe</b><br/>1/4</p> <p><b>Working Pressure (P.S.I.)</b><br/>150</p> |
|  <p><b>HEAVY DUTY GROUND KEY PLUG TYPE TEE HANDLE</b></p> <p><b>PART No.</b><br/>T241-B</p> <p><b>Pipe</b><br/>1/4</p> <p><b>Working Pressure (P.S.I.)</b><br/>150</p>                                                                |                                                                                                                                                                                                                                                                    |

## NEEDLE SEAT TYPE

|                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>NEEDLE SEAT ONE PIECE PLUG AND HANDLE</b></p> <p><b>PART No.</b><br/>242-A<br/>242-B<br/>242-C</p> <p><b>Pipe</b><br/>1/8<br/>1/4<br/>3/8</p> <p><b>Working Pressure (P.S.I.)</b><br/>200<br/>200<br/>200</p>             |  <p><b>90° ELBOW SHUT-OFF WITH SPOUT</b></p> <p><b>PART No.</b><br/>245-A<br/>245-B</p> <p><b>Hose I.D.</b><br/>1/4<br/>3/8</p> <p><b>Pipe</b><br/>1/8<br/>1/4</p> <p><b>Working Pressure (P.S.I.)</b><br/>50<br/>50</p> |
|  <p><b>NEEDLE SEAT</b></p> <p><b>PART No.</b><br/>243-A<br/>243-B<br/>243-C</p> <p><b>Pipe</b><br/>1/8<br/>1/4<br/>3/8</p> <p><b>Working Pressure (P.S.I.)</b><br/>Designed for Constant Pressure use between 15 and 150 PSI</p> |                                                                                                                                                                                                                                                                                                               |

F



## AIR CHUCKS



Fairview's industrial grade brass ball chucks with 1/4" female NPT thread are ideally suited for use on live air lines supplying compressed air.

| PART No. | Description                    |
|----------|--------------------------------|
| BC-B     | Ball Chuck                     |
| BC-B-LH  | Ball Chuck (Locking handle) ** |

## BRASS TANK VALVES



**AIR TANK VALVE**

Fairview's industrial grade brass air tank valve with Male NPT thread for use on compressed air systems.

| PART No. | Pipe | Description       |
|----------|------|-------------------|
| BTV-A    | 1/8" | Complete with Cap |
| BTV-B    | 1/4" | Complete with Cap |

## AIR TANK DRAIN VALVE



Fairview's industrial grade dual foot filler valve with 1/4" female NPT thread are ideally suited for use on live air lines supplying compressed air.

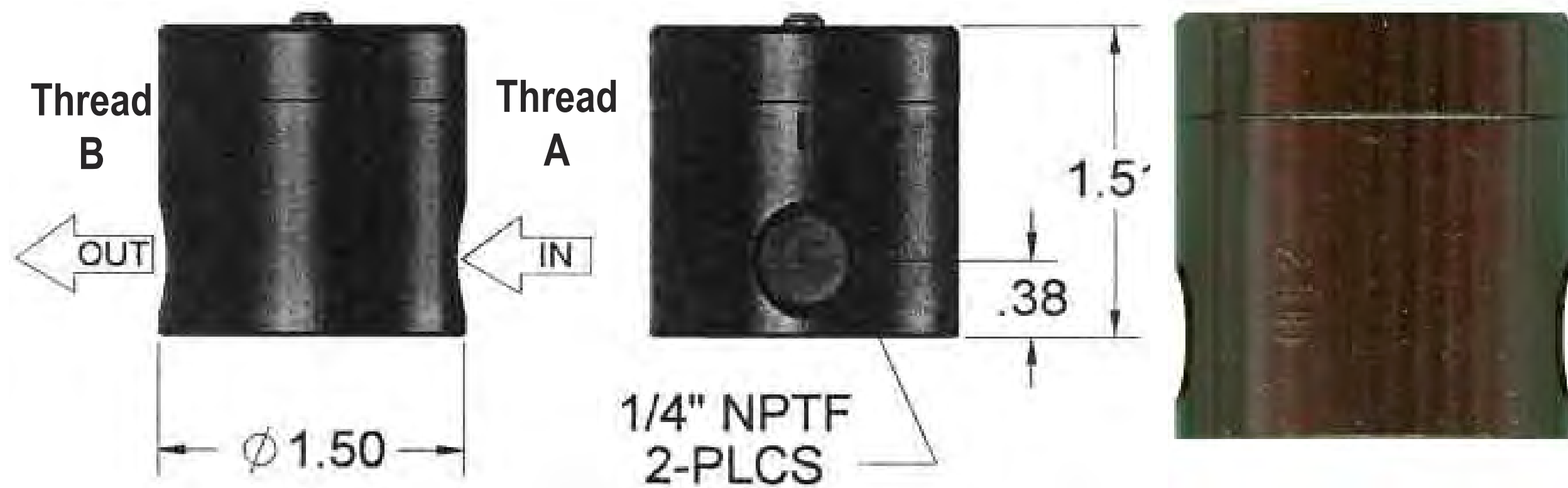
| PART No. | Description                   |
|----------|-------------------------------|
| BC-B-DF  | Dual Foot (6" Overall Length) |



**AIR TANK DRAIN VALVE WITH PULL CABLE**

| PART No. | Pipe | Description |
|----------|------|-------------|
| 14DV-60B | 1/4" | 60" Cable   |

## PRESSURE PROTECTION VALVE



**PPV Series**

- **Material:** Black anodized aluminum
  - **Diaphragm:** Low-temp Buna
  - **Temp Rating:** -40°F To +180°F (-40°C To 82°C)
  - **Max Pressure:** 200 PSI max. supply
- Pressure to open Adjustable 45-95 psi, pressure to close adjustable 40-90 psi.  
Downstream check, (optional) stainless steel adjustment screw

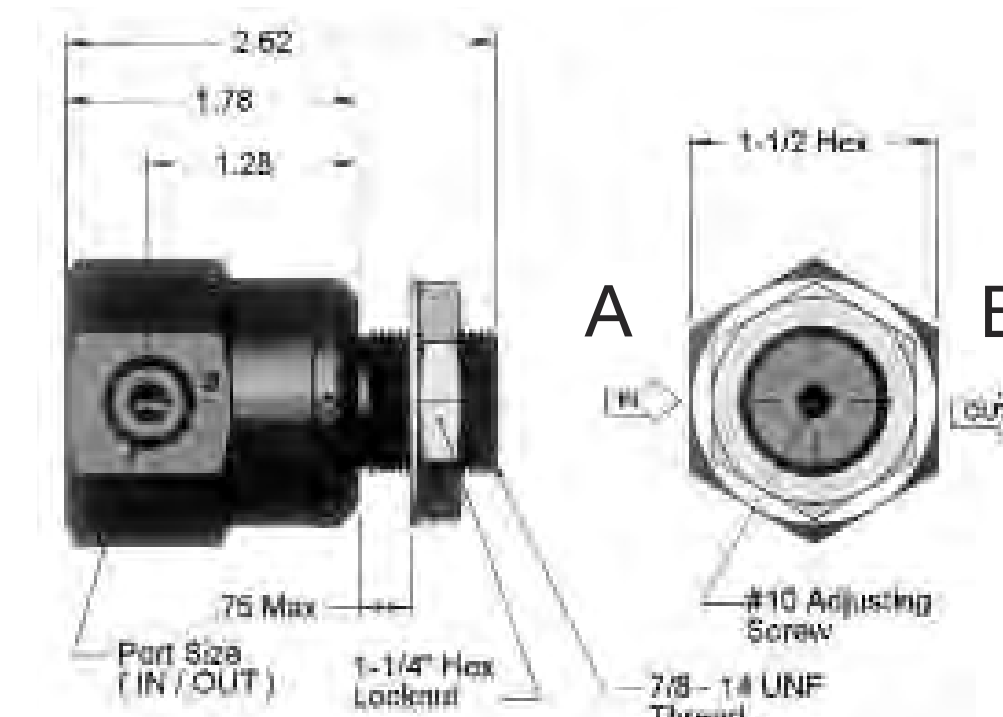
| PART No.         | Thread "A" | Thread "B" | Closing Pressure (P.S.I.) | Opening Pressure (P.S.I.) |
|------------------|------------|------------|---------------------------|---------------------------|
| PPV90PC-60/65-6C | 1/4 NPTF   | 1/4 NPTF   | 60                        | 65                        |

**PPV Series**

- **Material:** Black anodized aluminum
- **Diaphragm:** Low-temp Buna
- **Temp Rating:** -40°F To +225°F (-40°C To 107°C)
- **Max Pressure:** 200 PSI max. supply



Reverse check when closed.  
Non adjustable standard.  
Panel mount standard.  
Light weight only 5-1/2 oz.



**DISCONTINUED PRODUCT LIMITED STOCK SEE PPV90PC-60/65-6C**

| PART No.    | Thread "A" | Thread "B" | Closing Pressure (P.S.I.) | Opening Pressure (P.S.I.) |
|-------------|------------|------------|---------------------------|---------------------------|
| PPV-60/65-B | 1/4 NPTF   | 1/4 NPTF   | 60                        | 65                        |

F



## CARBON STEEL



This check valve design is safe, compact, suitable to any hydraulic application using non-corrosive liquids. Also available with SAE threads, or with 65 PSI crack pressure.

### COUPLING STYLE CHECK VALVE

| PART No.  | Female Pipe | Working P.S.I. | CRACK P.S.I. |
|-----------|-------------|----------------|--------------|
| SCV1003-A | 1/8         | 5000           | 5 PSI        |
| SCV1003-B | 1/4         | 5000           | 5 PSI        |
| SCV1003-C | 3/8         | 5000           | 5 PSI        |
| SCV1003-D | 1/2         | 4000           | 5 PSI        |
| SCV1003-E | 3/4         | 4000           | 5 PSI        |
| SCV1003-H | 1           | 4000           | 5 PSI        |

## STEEL ONE WAY CHECK



Precision engineered and manufactured to provide optimum performance for each specified application. Steel construction for years of dependable operation. Less than 1 P.S.I. cracking pressure.

| PART No. | Pipe | MAX. PSI |
|----------|------|----------|
| CV1-B    | 1/4  | 135      |
| CV1-C    | 3/8  | 135      |
| CV1-D    | 1/2  | 135      |

ALLOWS FLOW IN ONE DIRECTION ONLY

## BRASS HIGH PRESSURE

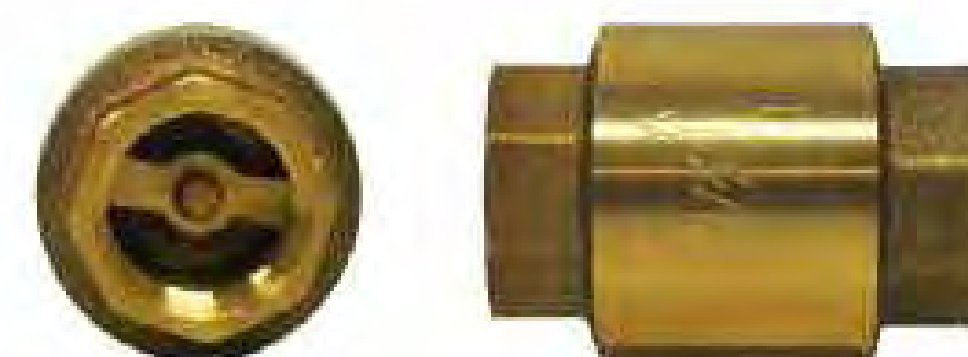


3000 P.S.I. Positive check valve. Stainless steel poppet and spring, viton seal - Less than 1 P.S.I. cracking pressure. Maxi-Flow Check Valves used in applications where back flow is not permitted. Can be used in air or fluid applications **(This valve is intended for use with air and water only)** Install valve so that flow is in the direction of the arrow on the part.

### COUPLING STYLE CHECK VALVE

| PART No.     | Female Pipe | MAX. P.S.I. |
|--------------|-------------|-------------|
| 103CV-B-3000 | 1/4         | 3000        |
| 103CV-C-3000 | 3/8         | 3000        |

## BRASS LOW PRESSURE



250 P.S.I. non-shock cold water. Forged brass construction for greater strength. May be installed horizontally or vertically. Less than 1 P.S.I. cracking pressure. **(This valve is intended for use with air and water only)**  
**Temperature:** -20°F to +100°F (-29°C to 38°C)

### COUPLING STYLE CHECK VALVE

| PART No. | Female Pipe | MAX. P.S.I. |
|----------|-------------|-------------|
| 103CV-C  | 3/8         | 250         |
| 103CV-D  | 1/2         | 250         |
| 103CV-E  | 3/4         | 250         |
| 103CV-H  | 1           | 250         |
| 103CV-J  | 1-1/4       | 250         |
| 103CV-K  | 1-1/2       | 250         |

## BRONZE CHECK SWING VALVES



SWING CHECK FEMALE PIPE HEX HEAD

| PART No. | Female Pipe | W.S.P. | C.W.P. |
|----------|-------------|--------|--------|
| 293-C    | 3/8         | 150    | 300    |
| 293-D    | 1/2         | 150    | 300    |
| 293-E    | 3/4         | 150    | 300    |
| 293-H    | 1           | 150    | 300    |
| 293-J    | 1-1/4       | 150    | 300    |
| 293-K    | 1-1/2       | 150    | 300    |

ALLOWS FLOW IN ONE DIRECTION ONLY

## Y CHECK VALVES



“Y” VALVE FEMALE PIPE HEX HEAD

| PART No. | Female Pipe | W.S.P. | W.O.G. |
|----------|-------------|--------|--------|
| 298-D    | 1/2         | 125    | 200    |
| 298-E    | 3/4         | 125    | 200    |
| 298-H    | 1           | 125    | 200    |
| 298-J    | 1-1/4       | 125    | 200    |
| 298-K    | 1-1/2       | 125    | 200    |
| 298-M    | 2           | 125    | 200    |

ALLOWS FLOW IN ONE DIRECTION ONLY

## CHECK VALVES



John Guest Check Valve



| PART No. | Crack PSI | Size Tube |
|----------|-----------|-----------|
| 1/4SCV   | 0.3       | 1/4       |
| 1/4SCV-R | 0.3       | 1/4       |
| 5/16SCV  | 0.3       | 5/16      |
| 3/8SCV   | 0.3       | 3/8       |
| NC2718   | 5         | 1/4       |
| NC2718E  | 5 Black   | 1/4       |

Super speedfit Single Check Valves allow flow in one direction. **For Liquids only.**

F



**GHM SERIES (Rear & Bottom Mounting)**



(Plug & Gasket Included)

| PART No. | Pipe Size | Type      | Color Code |
|----------|-----------|-----------|------------|
| GHM-E    | 3/8 FPT   | Emergency | Red        |
| GHM-S    | 3/8 FPT   | Service   | Blue       |

**GHM Series With Screen Seal**

| PART No. | Pipe Size | Type      | Color Code |
|----------|-----------|-----------|------------|
| GHM-E-SC | 3/8 FPT   | Emergency | Red        |
| GHM-S-SC | 3/8 FPT   | Service   | Blue       |

**GH SERIES (Standard Style)**



-SC  
Screen  
Seal

| PART No. | Pipe Size | Type      | Color Code |
|----------|-----------|-----------|------------|
| GHU      | 1/2 FPT   | Universal | Plain      |
| GHE      | 1/2 FPT   | Emergency | Red        |
| GHS      | 1/2 FPT   | Service   | Blue       |

**GH Series With Screen Seal**

| PART No. | Pipe Size | Type      | Color Code |
|----------|-----------|-----------|------------|
| GHU-SC   | 1/2 FPT   | Universal | Plain      |
| GHE-SC   | 1/2 FPT   | Emergency | Red        |
| GHS-SC   | 1/2 FPT   | Service   | Blue       |

**SWING AWAY GLADHAND**



Rotates  
Full 180  
Degrees

(Coupled With Pacifier)

| PART No. | Pipe Size | Type       | Color Code |
|----------|-----------|------------|------------|
| GHU-SW   | 3/8 FPT   | Swing Away | Plain      |
| GHE-SW   | 3/8 FPT   | Swing Away | Red        |
| GHS-SW   | 3/8 FPT   | Swing Away | Blue       |

**GH Series With Umbrella Seal**

| PART No. | Pipe Size | Type      | Color Code |
|----------|-----------|-----------|------------|
| GHU-2    | 1/2 FPT   | Universal | Plain      |
| GHE-2    | 1/2 FPT   | Emergency | Red        |
| GHS-2    | 1/2 FPT   | Service   | Blue       |

**GHV (Valved) SERIES**



**GHV Series With Bulkhead GHV (Valved) Series**

| PART No. | Bottom Pipe Size | Back Pipe Size | Type      | Color Code |
|----------|------------------|----------------|-----------|------------|
| GHV-E    | 3/8 FPT          | 1/4 FPT        | Emergency | Red        |
| GHV-S    | 3/8 FPT          | ----           | Service   | Blue       |

| PART No. | Bulkhead Pipe Size | Type      | Color Code |
|----------|--------------------|-----------|------------|
| GHV-E-BH | 3/8 F - 3/4 M      | Emergency | Red        |
| GHV-S-BH | 3/8 F - 3/4 M      | Service   | Blue       |

**REPLACEMENT SEALS**



| PART No.    | Type                     | Color Code |
|-------------|--------------------------|------------|
| GH-SEAL     | Rubber                   | Black      |
| GH-SEAL-2   | Rubber Umbrella Seal     | Black      |
| GHE-SEAL    | Polyurethane             | Red        |
| GHE-SEAL-SC | Polyurethane with Screen | Red        |
| GHS-SEAL    | Polyurethane             | Blue       |
| GHS-SEAL-SC | Polyurethane with Screen | Blue       |



**COUPLING BRACKET**



**PART No.**  
GH-BRACKET

**Description**  
Gladhand Holder

**GLADHAND DUMMY**



**PART No.**  
GH-DUMMY

**Description**  
C/W 26" SECURITY CABLE

**Color Code**  
Plain

**GLADHAND DUMMY KIT**



With Chain

**PART No.**  
GH-DUMMY-NVI

**Description**  
NON-VENTED

**GLADHAND LOCKS**



**(STEEL)**  
Comes with 2 keys.  
Keyed Different  
Designed for use with  
screened style and  
regular glad hands.

**PART No.**  
GH-LOCK-ST

**Description**  
Gladhand Lock

**GLADHAND GRIPS**



**Description**  
Gladhand Grip  
Handles With  
Thread Sealant.  
Sold Only in sets.  
(Red and Blue)

**PART No.**  
GH-GRIP

**Pipe Size**  
1/2



**Description**  
Knurled Solid Aluminum  
Gladhand Grip Handles  
With Thread Sealant.  
Sold Only in sets.  
(Red and Blue)

**PART No.**  
GH-GRIP-ALUM

**Pipe Size**  
1/2



**(PLASTIC)**  
Comes with 2 keys.  
Keyed Different  
Designed for use with  
screened style and  
regular glad hands.

**PART No.**  
GH-LOCK-PL

**Description**  
Gladhand Lock

F



Low profile breather vents used on single acting cylinders or valves to prevent dirt and foreign particles from entering ports open to the atmosphere. Also used for vacuum relief in pressure equalization of gear boxes, crank cases, storage tanks or reservoirs.



| <b>PART No.</b> | <b>Pipe</b> | Maximum Operating Pressure: 300 P.S.I.<br>Operating Temperature: +35°F to +300°F, +2°C to +149°C<br>Sintered Bronze (40 micron) |
|-----------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| BBV-A           | 1/8         |                                                                                                                                 |
| BBV-B           | 1/4         |                                                                                                                                 |
| BBV-C           | 3/8         |                                                                                                                                 |
| BBV-D           | 1/2         |                                                                                                                                 |



| <b>PART No.</b> | <b>ORB</b> | O-Ring Boss Thread<br>Maximum Operating Pressure: 300 P.S.I.<br>Operating Temperature: +35°F to +300°F, +2°C to +149°C<br>Sintered Bronze (40 micron) |
|-----------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| BBV-ORB-6       | 9/16 - 18  |                                                                                                                                                       |
| BBV-ORB-8       | 3/4 - 16   |                                                                                                                                                       |

Exhaust mufflers utilize porous sintered bronze filter element secured to nickel plated pipe fittings. Used to diffuse air and muffle noise from the exhaust ports of air valves, air cylinders and air tools to an acceptable level within OSHA noise requirement. Also used as filters for gasoline, oil and air exhaust and intake.



| <b>PART No.</b> | <b>Pipe</b> | Maximum Operating Pressure: 300 P.S.I.<br>Operating Temperature: +35°F to +300°F, +2°C to +149°C<br>Sintered bronze (40 micron) |
|-----------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| BEM-A           | 1/8         |                                                                                                                                 |
| BEM-B           | 1/4         |                                                                                                                                 |
| BEM-C           | 3/8         |                                                                                                                                 |
| BEM-D           | 1/2         |                                                                                                                                 |
| BEM-E           | 3/4         |                                                                                                                                 |

Speed control mufflers provide an infinite variation of control of air flow at an acceptable sound level on exhaust ports of air valves with complete safety. The speed of an operating cylinder or air tool may be increased or decreased by adjusting the screw. Final position is then locked in place by the lock nut. Objectionable exhaust air noise is eliminated by the surrounding sleeve of sintered bronze.



| <b>PART No.</b> | <b>Pipe</b> | Maximum Operating Pressure: 300 P.S.I.<br>Operating Temperature: +35°F to +300°F, +2°C to +149°C<br>Sintered Bronze (40 micron) |
|-----------------|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| BSCM-A          | 1/8         |                                                                                                                                 |
| BSCM-B          | 1/4         |                                                                                                                                 |
| BSCM-C          | 3/8         |                                                                                                                                 |
| BSCM-D          | 1/2         |                                                                                                                                 |

Brass Air Vent.  
Set screw has 10/32 national fine thread.



| <b>PART No.</b> | <b>Pipe</b> | Maximum Operating Pressure: 150 P.S.I.<br>Operating Temperature: +35°F to +300°F, +2°C to +149°C |
|-----------------|-------------|--------------------------------------------------------------------------------------------------|
| WH-705          | 1/8         |                                                                                                  |





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G





# HYDRAULIC QUICK DISCONNECT CROSSOVER LISTING

| BODY  | FAIRVIEW PART No. | AEROQUIP        | FOSTER                                     | PARKER                                                                                      | SAFEWAY          | FASTER                     | PIONEER          |                          |          |              |  |
|-------|-------------------|-----------------|--------------------------------------------|---------------------------------------------------------------------------------------------|------------------|----------------------------|------------------|--------------------------|----------|--------------|--|
| 1/2   | QD-AGC8-8F        | FD42-1001-4-4   |                                            |                                                                                             | S45-4            | NSP-34-NPT-F<br>NV-1-NPT-F | 4050-2P          |                          |          |              |  |
| 1/2   | QD-AGN8-8F        |                 |                                            |                                                                                             | S71-4            |                            |                  |                          |          |              |  |
| 1/4   | QD-AGC4-4F        |                 |                                            |                                                                                             | S25A-2P          |                            |                  |                          |          |              |  |
| 3/8   | QD-AGC6-6F        |                 |                                            |                                                                                             | S45-3P           |                            |                  |                          |          |              |  |
| 3/4   | QD-AGC12-12F      |                 |                                            |                                                                                             | S25F-6           |                            |                  |                          |          |              |  |
| 1     | QD-AGC16-16F      |                 |                                            |                                                                                             | S25-8P           |                            |                  |                          |          |              |  |
| 1/4   | QD-AGN4-4F        |                 |                                            |                                                                                             | S41-2P           |                            |                  |                          |          |              |  |
| 3/8   | QD-AGN6-6F        |                 |                                            |                                                                                             | S41-3P           |                            |                  |                          |          |              |  |
| 1/2   | QD-AGN8-8F        |                 |                                            |                                                                                             | S71-4            |                            |                  |                          |          |              |  |
| 3/4   | QD-AGN12-12F      |                 |                                            |                                                                                             | S21F-6           |                            |                  |                          |          |              |  |
| 1     | QD-AGN16-16F      | S21-8P          | 2NS-12-NPT-M<br>NSP-34-NPT-M<br>NV-1-NPT-M | 4050-2P<br>4250-3P<br>4150-5<br>4050-6P<br>4010-2P<br>4010-3<br>8010-4<br>4110-5<br>4010-6P |                  |                            |                  |                          |          |              |  |
| 1/4   | QD-ISOAC4-4F      | 5601-4-4S       |                                            | 6601-4-4                                                                                    | S565-2           | ANV 14 NPT F               | 4050-3<br>4050-4 |                          |          |              |  |
| 3/8   | QD-ISOAC6-6F      | 5601-6-6S       |                                            | 6601-6-6                                                                                    | S565-3           | ANV 38 NPT F               |                  |                          |          |              |  |
| 1/2   | QD-ISOAC8-8F      | 5601-8-10S      |                                            | 6601-8-10                                                                                   | S565-4           | ANV 12 NPT F               |                  |                          |          |              |  |
| 3/4   | QD-ISOAC12-12F    | 5601-12-12S     |                                            | 6601-12-12                                                                                  | S565-6           | ANV 34 NPT F               |                  |                          |          |              |  |
| 1     | QD-ISOAC16-16F    | 5601-16-16S     |                                            | 6601-16-16                                                                                  | S565-8           | ANV 1 NPT F                |                  |                          |          |              |  |
| 1/4   | QD-ISOAN4-4F      | 5602-4-4S       |                                            | 6602-4-4                                                                                    | S561-2           | ANV 14 NPT M               |                  |                          |          |              |  |
| 3/8   | QD-ISOAN6-6F      | 5602-6-6S       |                                            | 6602-6-6                                                                                    | S561-3           | ANV 38 NPT M               |                  |                          |          |              |  |
| 1/2   | QD-ISOAN8-8F      | 5602-8-10S      |                                            | 6602-8-10                                                                                   | S561-4           | ANV 12 NPT M               |                  |                          |          |              |  |
| 3/4   | QD-ISOAN12-12F    | 5602-12-12S     |                                            | 6602-12-12                                                                                  | S561-6           | ANV 34 NPT M               |                  |                          |          |              |  |
| 1     | QD-ISOAN16-16F    | 5602-16-16S     |                                            | 6602-16-16                                                                                  | S561-8           | ANV 1 NPT M                |                  |                          |          |              |  |
| 1/4   | QD-ISOBC4-4F      | FD45-1003-4-4   | H2S                                        | H2-62                                                                                       | S105-2           | HNV-14-NPT-F               | 8010-4           |                          |          |              |  |
| 3/8   | QD-ISOBC6-6F      | FD45-1003-6-6   | H3S                                        | H3-62                                                                                       | S105-3           | HNV-38-NPT-F               |                  |                          |          |              |  |
| 1/2   | QD-ISOBC8-8F      | FD45-1003-8-10  | H4S                                        | H4-62                                                                                       | S105-4           | HNV-12-NPT-F               |                  |                          |          |              |  |
| 3/4   | QD-ISOBC12-12F    | FD45-1003-12-12 | H6S                                        | H6-62                                                                                       | S105-6           | HNV-34-NPT-F               |                  |                          |          |              |  |
| 1     | QD-ISOBC16-16F    | FD45-1003-16-16 | H8S                                        | H8-62                                                                                       | S105-8           | HNV-1-NPT-F                |                  |                          |          |              |  |
| 1/4   | QD-ISOBN4-4F      | FD45-1002-4-4   | K2S                                        | H2-63 & HDH2-63                                                                             | S101-2           | HNV-14-NPT-M               |                  |                          |          |              |  |
| 3/8   | QD-ISOBN6-6F      | FD45-1002-6-6   | K3S                                        | H3-63 & HDH3-63                                                                             | S101-3           | HNV-38-NPT-M               |                  |                          |          |              |  |
| 1/2   | QD-ISOBN8-8F      | FD45-1002-8-10  | K4S                                        | H4-63 & HDH4-63                                                                             | S101-4           | HNV-12-NPT-M               |                  |                          |          |              |  |
| 3/4   | QD-ISOBN12-12F    | FD45-1002-12-12 | K6S                                        | H6-63 & HDH6-63                                                                             | S101-6           | HNV-34-NPT-M               |                  |                          |          |              |  |
| 1     | QD-ISOBN16-16F    | FD45-1002-16-16 | K8S                                        | H8-63 & HDH8-63                                                                             | S101-8           | HNV-1-NPT-M                |                  |                          |          |              |  |
| 1/4   | QD-TCC4-4M        |                 |                                            | 3050-2                                                                                      | S35-2P           | PVVM1/14-NPT-M             | 3050-2           |                          |          |              |  |
| 3/8   | QD-TCC6-6M        |                 |                                            | 3050-3                                                                                      | S35-3P           | PVVM1/38-NPT-M             | 3050-3           |                          |          |              |  |
| 1/4   | QD-TCN4-4F        |                 |                                            | 3010-2                                                                                      | S31-2P           | PVVM-14-NPT-F              | 3010-2           |                          |          |              |  |
| 3/8   | QD-TCN6-6F        |                 |                                            | 3010-3                                                                                      | S31-3P           | PVVM-38-NPT-F              | 3010-3           |                          |          |              |  |
| 1/4   | QD-BISOBC4-4F     | FD45-1101-4-4   | H2B                                        | BH2-60                                                                                      | BS105-2          | HNV-14-NPT-F5              |                  |                          |          |              |  |
| 3/8   | QD-BISOBC6-6F     | FD45-1101-6-6   | H3B                                        | BH3-60                                                                                      | BS105-3          | HNV-38-NPT-F5              |                  |                          |          |              |  |
| 1/2   | QD-BISOBC8-8F     | FD45-1101-8-10  | H4B                                        | BH4-60                                                                                      | BS105-4          | HNV-12-NPT-F5              |                  |                          |          |              |  |
| 3/4   | QD-BISOBC12-12F   | FD45-1101-12-12 | H6B                                        | BH6-60                                                                                      | BS105-6          | HNV-34-NPT-F5              |                  |                          |          |              |  |
| 1     | QD-BISOBC16-16F   | FD45-1101-16-16 | H8B                                        | BH8-60                                                                                      | BS105-8          | HNV-1-NPT-F5               |                  |                          |          |              |  |
| 1/4   | QD-BISOBN4-4F     | FD45-1086-4-4   | K2B                                        | BH2-61                                                                                      | BS101-2          | HNV-14-NPT-M5              |                  |                          |          |              |  |
| 3/8   | QD-BISOBN6-6F     | FD45-1086-6-6   | K3B                                        | BH3-61                                                                                      | BS101-3          | HNV-38-NPT-M5              |                  |                          |          |              |  |
| 1/2   | QD-BISOBN8-8F     | FD45-1086-8-10  | K4B                                        | BH4-61                                                                                      | BS101-4          | HNV-12-NPT-M5              |                  |                          |          |              |  |
| 3/4   | QD-BISOBN12-12F   | FD45-1086-12-12 | K6B                                        | BH6-61                                                                                      | BS101-6          | HNV-34-NPT-M5              |                  |                          |          |              |  |
| 1     | QD-BISOBN16-16F   | FD45-1086-16-16 | K8B                                        | BH8-61                                                                                      | BS101-8          | HNV-1-NPT-M5               |                  |                          |          |              |  |
| 3/4   | QD-BTTWC12-12F    | 5100-S5-12B     |                                            | 6125-12                                                                                     |                  | FB16/1 NPT F5              |                  |                          |          |              |  |
| 1     | QD-BTTWC16-16F    | 5100-S5-16B     |                                            | 6125-16                                                                                     |                  |                            |                  |                          |          |              |  |
| 1-1/4 | QD-BTTWC20-20F    | 5100-S5-20B     |                                            | 6125-20                                                                                     |                  |                            |                  |                          |          |              |  |
| 1-1/2 | QD-BTTWC24-24F    | 5100-S5-24B     |                                            | 6125-24                                                                                     |                  |                            |                  |                          |          |              |  |
| 3/4   | QD-BTTWN12-12F    | 5100-S2-12B     |                                            | 6105-12                                                                                     |                  |                            |                  |                          |          |              |  |
| 1     | QD-BTTWN16-16F    | 5100-S2-16B     |                                            | 6105-16                                                                                     |                  |                            |                  |                          |          |              |  |
| 1-1/4 | QD-BTTWN20-20F    | 5100-S2-20B     |                                            | 6105-20                                                                                     |                  |                            |                  |                          |          |              |  |
| 1-1/2 | QD-BTTWN24-24F    | 5100-S2-24B     |                                            | 6105-24                                                                                     |                  |                            |                  |                          |          |              |  |
| 1/4   | QD-HTMAC4-4F      | FD89-1001-04-04 |                                            |                                                                                             |                  |                            |                  | FF-371-6FP<br>FF-371-8FP | FFE495-2 | 2FFI14 NPT F |  |
| 3/8   | QD-HTMAC6-6F      | FD89-1001-06-06 |                                            |                                                                                             |                  |                            |                  |                          | FFE495-3 | 2FFI38 NPT F |  |
| 3/8   | QD-HTMAC6-8F      | FD89-1001-08-06 | FFE495-3-8                                 |                                                                                             | 2FFI38-1/2 NPT F |                            |                  |                          |          |              |  |
| 1/2   | QD-HTMAC8-8F      | FD89-1001-08-08 | FFE495-8                                   |                                                                                             | 2FFI12 NPT F     |                            |                  |                          |          |              |  |
| 1/2   | QD-HTMAC8-12F     | FD89-1001-12-08 | FFE495-8-3/4                               |                                                                                             | 2FFI12-34 NPT F  |                            |                  |                          |          |              |  |
| 3/4   | QD-HTMAC12-12F    | FD89-1001-12-12 | FFE495-6                                   |                                                                                             | 2FFI34 NPT F     |                            |                  |                          |          |              |  |
| 1     | QD-HTMAC16-16F    | FD89-1001-16-16 | FFE495-8                                   |                                                                                             | 2FFI11 NPT F     |                            |                  |                          |          |              |  |
| 1/4   | QD-HTMAN4-4F      | FD89-1002-04-04 | FFE491-2                                   |                                                                                             | 2FFI14 NPT M     |                            |                  |                          |          |              |  |
| 3/8   | QD-HTMAN6-6F      | FD89-1002-06-06 | FFE491-3                                   |                                                                                             | 2FFI38 NPT M     |                            |                  |                          |          |              |  |
| 3/8   | QD-HTMAN6-8F      | FD89-1002-08-06 | FFE491-3-8                                 |                                                                                             | 2FFI38-1/2 NPT M |                            |                  |                          |          |              |  |
| 1/2   | QD-HTMAN8-8F      | FD89-1002-08-08 | FFE491-8                                   | 2FFI12 NPT M                                                                                |                  |                            |                  |                          |          |              |  |
| 1/2   | QD-HTMAN8-12F     | FD89-1002-12-08 | FFE491-8-3/4                               | 2FFI12-34 NPT M                                                                             |                  |                            |                  |                          |          |              |  |
| 3/4   | QD-HTMAN12-12F    | FD89-1002-12-12 | FFE491-6                                   | 2FFI34 NPT M                                                                                |                  |                            |                  |                          |          |              |  |
| 1     | QD-HTMAN16-16F    | FD89-1002-16-16 | FFE491-8                                   | 2FFI11 NPT M                                                                                |                  |                            |                  |                          |          |              |  |



## ACCUTEK® SERIES B ISO 7241-1 INDUSTRIAL INTERCHANGE



STEEL



BRASS



- High flow characteristics and pressure ratings superior to Parker 60 series.
- Industry interchangeability with other manufacturer's ISO "B" couplers and nipples.
- Poppet style double shut-off.
- Nitrile NBR seals with PTFE back-up ring
- Proven ball lock mechanism.
- 4 : 1 safety factor (Min. Burst = W.P. X 4)
- Ideal for use with hydraulic and other fluids in both stationary and mobile industrial applications.

| COUPLER SET<br>MAXIMUM WORKING PRESSURE (PSI) |      |      |      |      |      |
|-----------------------------------------------|------|------|------|------|------|
|                                               | 1/4  | 3/8  | 1/2  | 3/4  | 1    |
| STEEL                                         | 5000 | 4350 | 4000 | 2600 | 2175 |
| BRASS                                         | 3500 | 3500 | 3500 | 2500 | 1500 |
| STAINLESS                                     | 5500 | 3750 | 3750 | 3000 | 3000 |

| VALVED COUPLER - STEEL |           |             | VALVED NIPPLE - STEEL |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-ISOBC4-4F           | 1/4       | 1/4         | QD-ISOBN4-4F          | 1/4       | 1/4         |
| QD-ISOBC6-6F           | 3/8       | 3/8         | QD-ISOBN6-6F          | 3/8       | 3/8         |
| QD-ISOBC8-8F           | 1/2       | 1/2         | QD-ISOBN8-8F          | 1/2       | 1/2         |
| QD-ISOBC12-12F         | 3/4       | 3/4         | QD-ISOBN12-12F        | 3/4       | 3/4         |
| QD-ISOBC16-16F         | 1         | 1           | QD-ISOBN16-16F        | 1         | 1           |

| VALVED COUPLER - BRASS |           |             | VALVED NIPPLE - BRASS |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-BISOBC4-4F          | 1/4       | 1/4         | QD-BISOBN4-4F         | 1/4       | 1/4         |
| QD-BISOBC6-6F          | 3/8       | 3/8         | QD-BISOBN6-6F         | 3/8       | 3/8         |
| QD-BISOBC8-8F          | 1/2       | 1/2         | QD-BISOBN8-8F         | 1/2       | 1/2         |
| QD-BISOBC12-12F        | 3/4       | 3/4         | QD-BISOBN12-12F       | 3/4       | 3/4         |
| QD-BISOBC16-16F        | 1         | 1           | QD-BISOBN16-16F       | 1         | 1           |

| VALVED COUPLER - STAINLESS (303) |           |             | VALVED NIPPLE - STAINLESS (303) |           |             |
|----------------------------------|-----------|-------------|---------------------------------|-----------|-------------|
| PART No.                         | Body Size | Female Pipe | PART No.                        | Body Size | Female Pipe |
| QD-SISOBC4-4F                    | 1/4       | 1/4         | QD-SISOBN4-4F                   | 1/4       | 1/4         |
| QD-SISOBC6-6F                    | 3/8       | 3/8         | QD-SISOBN6-6F                   | 3/8       | 3/8         |



DUST PLUG

| ACCESSORIES | Size | Dust Plug | Dust Cap  |
|-------------|------|-----------|-----------|
|             | 1/4  | QD-PDP-9  | QD-PDC-11 |
|             | 3/8  | QD-PDP-12 | QD-PDC-14 |
|             | 1/2  | QD-PDP-16 | QD-PDC-17 |
|             | 3/4  | QD-PDP-20 | QD-PDC-21 |
|             | 1    | QD-PDP-24 | QD-PDC-26 |



DUST CAP

G



**ACCUTEK® AGRICULTURAL (PIONEER 4000) INTERCHANGE**



- Interchangeable with Pioneer 4000 series, Safeway S20 and S40 series
- High strength steel construction
- Superior "Poppet" style valves
- Nitrile NBR seals with PTFE back-up ring
- Typical applications include agricultural equipment, gravel trucks and dump trucks.

| COUPLER SET                    |      |      |      |      |      |
|--------------------------------|------|------|------|------|------|
| MAXIMUM WORKING PRESSURE (PSI) |      |      |      |      |      |
|                                | 1/4  | 3/8  | 1/2  | 3/4  | 1    |
| STEEL                          | 5000 | 4350 | 3600 | 3600 | 3300 |

| VALVED COUPLER - STEEL |                                       |             |              | VALVED NIPPLE - STEEL |            |             |
|------------------------|---------------------------------------|-------------|--------------|-----------------------|------------|-------------|
| PART No.               | Body Size                             | Female Pipe | Sleeve Style | PART No.              | Body Size  | Female Pipe |
| QD-AGC4-4F             | 1/4 Coupler                           | 1/4         | One Way      | QD-AGN4-4F            | 1/4 Nipple | 1/4         |
| QD-AGC6-6F             | 3/8 Coupler                           | 3/8         | One Way      | QD-AGN6-6F            | 3/8 Nipple | 3/8         |
| QD-AGC8-8F             | 1/2 Coupler                           | 1/2         | Two Way      | QD-AGN8-8F            | 1/2 Nipple | 1/2         |
| QD-AGC8-DMB            | 1/2 Coupler (Double Mounting Bracket) |             |              | QD-AGN12-12F          | 3/4 Nipple | 3/4         |
| QD-AGC12-12F           | 3/4 Coupler                           | 3/4         | One Way      | QD-AGN16-16F          | 1 Nipple   | 1           |
| QD-AGC16-16F           | 1 Coupler                             | 1           | One Way      |                       |            |             |



DUST PLUG

| ACCESSORIES | Size | Dust Plug | Dust Cap  |
|-------------|------|-----------|-----------|
|             | 1/4  | QD-PDP-10 | QD-PDC-11 |
|             | 3/8  | QD-PDP-13 | QD-PDC-14 |
|             | 1/2  | QD-PDP-14 | QD-PDC-15 |
|             | 3/4  | QD-PDP-20 | QD-PDC-20 |
|             | 1    | QD-PDP-23 | QD-PDC-24 |



DUST CAP

**SNOW PLOW QUICK DISCONNECT**



This high quality economical coupler is at the center of every snow plow replacement parts package.

- High strength steel construction.
- Coupler set maximum working pressure is 4000 P.S.I.

**Also ask us about...**

- 1/4" S.A.E. 100R7 hose assemblies in various lengths and configurations.
- Steel hydraulic adapters and brass adapters to meet all your fitting needs.

| PART No. | Description   | Body Size | Female Pipe |
|----------|---------------|-----------|-------------|
| QD-SP90  | Snow Plow Set | 1/4       | 1/4         |



## ACCUTEK® SERIES A ISO 7241-1 INTERCHANGE



- Interchangeable with Parker 6600 series, Aeroquip 5600 Series, Safeway S56 Series and other manufacturer's couplers and nipples built in accordance to I.S.O. 7241-1 Series "A".
- 4 : 1 Safety factor (Min. Burst = W.P. X 4)
- High strength steel construction.
- Proven ball lock mechanism.
- Nitrile NBR seals with PTFE back-up ring
- For use with hydraulic fluids in mobile and stationary applications.
- Temperature Range: -40F to 250F

| COUPLER SET                    |      |      |      |      |      |
|--------------------------------|------|------|------|------|------|
| MAXIMUM WORKING PRESSURE (PSI) |      |      |      |      |      |
|                                | 1/4  | 3/8  | 1/2  | 3/4  | 1    |
| STEEL                          | 4600 | 4600 | 4000 | 4000 | 3000 |

| VALVED COUPLER - STEEL |           |             | VALVED NIPPLE - STEEL |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-ISOAC4-4F           | 1/4       | 1/4         | QD-ISOAN4-4F          | 1/4       | 1/4         |
| QD-ISOAC6-6F           | 3/8       | 3/8         | QD-ISOAN6-6F          | 3/8       | 3/8         |
| QD-ISOAC8-8F           | 1/2       | 1/2         | QD-ISOAN8-8F          | 1/2       | 1/2         |
| QD-ISOAC12-12F         | 3/4       | 3/4         | QD-ISOAN12-12F        | 3/4       | 3/4         |
| QD-ISOAC16-16F         | 1         | 1           | QD-ISOAN16-16F        | 1         | 1           |



| ACCESSORIES | Size | Dust Plug | Dust Cap  |
|-------------|------|-----------|-----------|
|             | 1/4  | QD-PDP-7  | QD-PDC-9  |
|             | 3/8  | QD-PDP-11 | QD-PDC-13 |
|             | 1/2  | QD-PDP-14 | QD-PDC-15 |
|             | 3/4  | QD-PDP-19 | QD-PDC-20 |
|             | 1    | QD-PDP-23 | QD-PDC-24 |



## HIGH PRESSURE / THREAD TO CONNECT (PARKER 3000) INTERCHANGE



- Interconnect with Parker 3000 series, Faster PVV series and other screw to connect couplings used in the hydraulic tool and rescue equipment markets.
- Zero leakage and higher flow rates than commonly used metal to metal sealing.
- High strength steel construction with heavy duty clear zinc plating for excellent corrosion resistance

| VALVED COUPLER - STEEL |             |         |                        | VALVED NIPPLE - STEEL |            |         |                        |
|------------------------|-------------|---------|------------------------|-----------------------|------------|---------|------------------------|
| PART No.               | Body Size   | Pipe    | Working Pressure (PSI) | PART No.              | Body Size  | Pipe    | Working Pressure (PSI) |
| QD-TCC4-4M             | 1/4 Coupler | 1/4 NPT | 10,000                 | QD-TCN4-4F            | 1/4 Nipple | 1/4 FPT | 10,000                 |
| QD-TCC6-6F             | 3/8 Coupler | 3/8 FPT | 10,000                 | QD-TCN6-6F            | 3/8 Nipple | 3/8 FPT | 10,000                 |
| QD-TCC6-6M             | 3/8 Coupler | 3/8 NPT | 10,000                 |                       |            |         |                        |



## ISO 16028 HTMA FLUSH FACE



- Interchange with Aeroquip FD89/FD49 and Parker FE, FF size 3/8.
- Up to 4,000 PSI operation pressures.
- Superior flow and low pressure drop.
- Sleeve lock feature.
- Exceeds ANSI/NFPA T3.20.15-1991

| COUPLER SET                              |      |      |      |      |      |
|------------------------------------------|------|------|------|------|------|
| MAXIMUM IMPULSE WORKING PRESSURE (PSI) * |      |      |      |      |      |
|                                          | 1/4  | 3/8  | 1/2  | 3/4  | 1    |
| STEEL                                    | 4285 | 4285 | 3571 | 3571 | 3571 |

\* Note: For Maximum Static W.P. Multiply By 1.67

| VALVED COUPLER - STEEL |           |             | VALVED NIPPLE - STEEL |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-HTMAC4-4F           | 1/4       | 1/4         | QD-HTMAN4-4F          | 1/4       | 1/4         |
| QD-HTMAC6-6F           | 3/8       | 3/8         | QD-HTMAN6-6F          | 3/8       | 3/8         |
| QD-HTMAC6-8F           | 3/8       | 1/2         | QD-HTMAN6-8F          | 3/8       | 1/2         |
| QD-HTMAC8-8F           | 1/2       | 1/2         | QD-HTMAN8-8F          | 1/2       | 1/2         |
| QD-HTMAC8-12F          | 1/2       | 3/4         | QD-HTMAN8-12F         | 1/2       | 3/4         |
| QD-HTMAC12-12F         | 3/4       | 3/4         | QD-HTMAN12-12F        | 3/4       | 3/4         |
| QD-HTMAC16-16F         | 1         | 1           | QD-HTMAN16-16F        | 1         | 1           |

Note: Available with Female S.A.E. thread suffix with -EF

## HIGH PRESSURE FLUSH FACE



- Air inclusion and fluid loss minimized to prevent spillage and contamination of systems.
- Push-To-Connect one hand operation.
- Up to 10,000 PSI operation pressures.
- Superior flow and low pressure drop.
- Sleeve lock to provide protection against accidental disconnection.
- (316) Stainless available upon request.

Note: Pressure ratings established under static pressure conditions. Multiply by 0.6 for high impulse applications.

| COUPLER SET                           |       |       |      |      |      |
|---------------------------------------|-------|-------|------|------|------|
| MAXIMUM STATIC WORKING PRESSURE (PSI) |       |       |      |      |      |
|                                       | 3/8   | 1/2   | 3/4  | 1    | 2    |
| STEEL                                 | 10000 | 10000 | 7500 | 7500 | 5000 |

| VALVED COUPLER - STEEL |           |             | VALVED NIPPLE - STEEL |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-71-3C8-8F           | 1/2       | 1/2         | QD-71-3N8-8F          | 1/2       | 1/2         |
| QD-71-3C12-12F         | 3/4       | 3/4         | QD-71-3N12-12F        | 3/4       | 3/4         |
| QD-71-3C16-16F         | 1         | 1           | QD-71-3N16-16F        | 1         | 1           |

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## SNAPTITE "VH" (VALVED) AND "PH" (NON-VALVED) INTERCHANGE



- Interchangeable with Snaptite VH and PH series
- Fully engineered design meets or exceeds MIL-C-51234
- "Jet Stream" valve design for superior, smoother flow.
- Much more compact than standard hydraulic coupler sets.
- "VH" valved and "PH" non-valved are completely interchangeable for double, single or no shut-off.
- For non-valved couplers replace "V" in part number with "P"  
(Example: QD-PHN6-6F)
- For Brass prefix "V" in part number with "B" (Example: BVHN6-6F)
- For Stainless prefix "V" in part number with "S" (Example: SVHN6-6F)

| WORKING PRESSURES (PSI) |                                                                        |       |                 |                               |       |                 |
|-------------------------|------------------------------------------------------------------------|-------|-----------------|-------------------------------|-------|-----------------|
| Q.D. Size               | Valve and Valve (Double Shut-Off)<br>Valve and Plain (Single Shut-Off) |       |                 | Plain and Plain (No Shut-Off) |       |                 |
|                         | Steel                                                                  | Brass | Stainless Steel | Steel                         | Brass | Stainless Steel |
| 1/4                     | 6500                                                                   | 2250  | 5000            | 11000                         | 4000  | 10000           |
| 3/8                     | 4500                                                                   | 2250  | 4000            | 11000                         | 4000  | 8000            |
| 1/2                     | 4000                                                                   | 2000  | 3750            | 11000                         | 4000  | 8000            |
| 3/4                     | 3500                                                                   | 2000  | 2000            | 9000                          | 3500  | 7000            |
| 1                       | 2000                                                                   | 1750  | 2000            | 6000                          | 3000  | 4000            |
| 1-1/4                   | 1750                                                                   | 350   | 1500            | 5000                          | 1000  | 3000            |
| 1-1/2                   | 1500                                                                   | 350   | 1500            | 5000                          | 1000  | 3000            |
| 2                       | 1500                                                                   | 400   | 500             | 4000                          | 750   | 1000            |
| 2-1/2                   | 1000                                                                   | 400   | 400             | 1000                          | 400   | 400             |
| 3                       | 750                                                                    | 200   | 400             | 750                           | 200   | 400             |

| VALVED COUPLER - STEEL |           |             | VALVED NIPPLE - STEEL |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-VHC4-4F             | 1/4       | 1/4         | QD-VHN4-4F            | 1/4       | 1/4         |
| QD-VHC6-6F             | 3/8       | 3/8         | QD-VHN6-6F            | 3/8       | 3/8         |
| QD-VHC8-8F             | 1/2       | 1/2         | QD-VHN8-8F            | 1/2       | 1/2         |
| QD-VHC12-12F           | 3/4       | 3/4         | QD-VHN12-12F          | 3/4       | 3/4         |
| QD-VHC16-16F           | 1         | 1           | QD-VHN16-16F          | 1         | 1           |

| PLAIN NIPPLE - STEEL |           |             |
|----------------------|-----------|-------------|
| PART No.             | Body Size | Female Pipe |
| QD-PHN4-4F           | 1/4       | 1/4         |
| QD-PHN6-6F           | 3/8       | 3/8         |

## "VH" AND "PH" DUST CAPS AND PLUGS



| Size | Plastic Dust Cap | Plastic Dust Plug |
|------|------------------|-------------------|
| 1/4  | QD-PDC-4         | QD-PDP-4          |
| 3/8  | QD-PDC-6         | QD-PDP-6          |
| 1/2  | QD-PDC-13        | QD-PDP-11         |
| 3/4  | QD-PDC-15        | QD-PDP-14         |
| 1    | QD-PDC-16        | QD-PDP-16         |



**HEAVY DUTY WING SERIES INTERCHANGE**



- Interchangeable with Aeroquip 5100 series and Parker 6100 series.
- Heavy duty wing nut or hex nut for easy connection.
- Thread-To-Connect.
- Dry-Break feature minimizes air inclusion and contamination of systems.
- Up to 3,000 PSI connected and disconnected.
- Ideal for use on hydraulic dump trucks, coal trucks, sand and salt spreaders and oil well equipment.

| Operating Pressure |       | Air Inclusion | Spillage |
|--------------------|-------|---------------|----------|
| Size               | (PSI) | CC. Max.      | CC. Max. |
| 3/4                | 3000  | .34           | .26      |
| 1                  | 3000  | .50           | .35      |
| 1-1/4              | 2750  | .68           | .70      |
| 1-1/2              | 2750  | .60           | .94      |

| VALVED COUPLER - BRASS |           |             | VALVED NIPPLE - BRASS |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-BTTWC12-12F         | 3/4       | 3/4         | QD-BTTWN12-12F        | 3/4       | 3/4         |
| QD-BTTWC16-16F         | 1         | 1           | QD-BTTWN16-16F        | 1         | 1           |
| QD-BTTWC20-20F         | 1-1/4     | 1-1/4       | QD-BTTWN20-20F        | 1-1/4     | 1-1/4       |
| QD-BTTWC24-24F         | 1-1/2     | 1-1/2       | QD-BTTWN24-24F        | 1-1/2     | 1-1/2       |

**HEAVY DUTY WING INTERCHANGE (BTTW) ACCESSORIES**



**BRASS DUST CAP**

| PART No.     | Size  |
|--------------|-------|
| QD-BTTWDC-12 | 3/4   |
| QD-BTTWDC-16 | 1     |
| QD-BTTWDC-20 | 1-1/4 |
| QD-BTTWDC-24 | 1-1/2 |



**BRASS DUST PLUG**

| PART No.     | Size  |
|--------------|-------|
| QD-BTTWDP-12 | 3/4   |
| QD-BTTWDP-16 | 1     |
| QD-BTTWDP-20 | 1-1/4 |
| QD-BTTWDP-24 | 1-1/2 |

**THREAD-TO-CONNECT (CONNECT UNDER PRESSURE)**



- Connect under pressure - designed for up to 5,000 PSI operating pressures.
- Thread-To-Connect valves shut off automatically during connection under normal circumstances.
- Superior flow and low pressure drop.
- Large capacity.

| VALVED COUPLER - STEEL |           |             | VALVED NIPPLE - STEEL |           |             |
|------------------------|-----------|-------------|-----------------------|-----------|-------------|
| PART No.               | Body Size | Female Pipe | PART No.              | Body Size | Female Pipe |
| QD-75C12-12F           | 3/4       | 3/4         | QD-75N12-12F          | 3/4       | 3/4         |
| QD-75C16-16F           | 1         | 1           | QD-75N16-16F          | 1         | 1           |



# PNEUMATIC QUICK DISCONNECT CROSSOVER



## ACCUTEK® INDUSTRIAL INTERCHANGE

| SIZE | THREAD    | FAIRVIEW PART No. | AMFLO   | PARKER | DIXON   | FOSTER | TOP-RING | MILTON | SCHRADER BRIDGEPORT | TRUFLATE |
|------|-----------|-------------------|---------|--------|---------|--------|----------|--------|---------------------|----------|
| 1/4  | 1/4 FPT   | QD-INDMC4-4F      | C20     | B23    | DC20    | 3003   | 20.842   | 715    | 5142-12             | 13-234   |
| 1/4  | 3/8 FPT   | QD-INDMC4-6F      | C20-23  | B23E   | DC2023  | 3203   | 20.862   | 718    | 5263-12             | 13-254   |
| 3/8  | 1/4 FPT   | QD-INDMC6-4F      | C26-22  | 25C    | DC2622  | 4004   | 21.842   | 1833   |                     |          |
| 3/8  | 3/8 FPT   | QD-INDMC6-6F      | C26     | 25     | DC26    | 4204   | 21.862   | 1835   | 3541                | 13-536   |
| 3/8  | 1/2 FPT   | QD-INDMC6-8F      | C26-24  | 25F    | DC2624  | 4404   | 21.882   |        |                     | 13-556   |
| 1/2  | 1/2 FPT   | QD-INDMC8-8F      | C10     | 17     | DC10    | 5205   | 22.882   | 1815   |                     |          |
| 1/4  | 1/4 NPT   | QD-INDMC4-4M      | C21     | B22    | DC21    | 3103   | 20.942   | 716    | 5141-12             | 13-224   |
| 1/4  | 3/8 NPT   | QD-INDMC4-6M      | C21-03  | B22E   | DC-2103 | 3303   | 20.962   | 719    | 5140-12             | 13-244   |
| 3/8  | 1/4 NPT   | QD-INDMC6-4M      | C25-02  | 24C    | DC2502  | 4104   | 21.942   |        |                     |          |
| 3/8  | 3/8 NPT   | QD-INDMC6-6M      | C25     | 24     | DC25    | 4304   | 21.962   | 1836   |                     | 13-526   |
| 3/8  | 1/2 NPT   | QD-INDMC6-8M      | C25-04  | 24F    | DC2504  | 4504   | 21.982   |        |                     | 13-546   |
| 1/2  | 1/2 NPT   | QD-INDMC8-8M      | C9      | 16     | DC9     | 5305   | 22.982   | 1816   |                     |          |
| 1/4  | 1/4 Hbarb | QD-INDMC4-4H      | C20-42  | B20-3B | DC2042  | 3603   | 20.542   | 717    | 171                 |          |
| 1/4  | 3/8 Hbarb | QD-INDMC4-6H      | C20-44  | B20-5B | DC2044  | 3703   | 20.562   | 717-6  |                     |          |
| 3/8  | 3/8 Hbarb | QD-INDMC6-6H      | C26-44  | 24-5B  | DC2644  | 4804   | 21.562   | 1836-6 |                     |          |
| 3/8  | 1/2 Hbarb | QD-INDMC6-8H      | C26-45  | 24-6B  | DC2645  | 4904   | 21.582   |        |                     |          |
| 1/4  | 1/4 FPT   | QD-INDN4-4F       | CP20    | H3C    | DCP20   | 11-3   | 20.142   | 728    | 5139-11             | 12-234   |
| 1/4  | 3/8 FPT   | QD-INDN4-6F       | CP20-23 | H3C-E  | DCP2023 | 15-3   | 20.162   | 732    | 5263-11             | 12-236   |
| 3/8  | 1/4 FPT   | QD-INDN6-4F       | CP26-22 | H1E    | DCP2622 | 41-4   | 21.142   | 1840   |                     |          |
| 3/8  | 3/8 FPT   | QD-INDN6-6F       | CP26    | H3E    | DCP26   | 43-4   | 21.162   | 1838   | 3543                | 12-536   |
| 3/8  | 1/2 FPT   | QD-INDN6-8F       | CP26-24 | H3E-F  | DCP2624 | 45-4   | 21.182   |        |                     |          |
| 1/2  | 1/2 FPT   | QD-INDN8-8F       | CP18    | H3F    | DCP18   | 55-5   | 22.182   | 1858   |                     | 12-762   |
| 1/4  | 1/4 NPT   | QD-INDN4-4M       | CP21    | H2C    | DCP21   | 10-3   | 20.242   | 727    | 5138-11             | 12-224   |
| 1/4  | 3/8 NPT   | QD-INDN4-6M       | CP21-03 | H2C-E  | DCP2103 | 14-3   | 20.262   | 733    | 5263-11             | 12-226   |
| 3/8  | 1/4 NPT   | QD-INDN6-4M       | CP25-02 | H0E    | DCP2502 | 40-4   | 21.242   | 1839   |                     |          |
| 3/8  | 3/8 NPT   | QD-INDN6-6M       | CP25    | H2E    | DCP25   | 42-4   | 21.262   | 1837   | 3542                | 12-526   |
| 3/8  | 1/2 NPT   | QD-INDN6-8M       | CP25-04 | H2E-F  | DCP2504 | 44-4   | 21.282   |        |                     |          |
| 1/2  | 1/2 NPT   | QD-INDN8-8M       | CP17    | H2F    | DCP9    | 54-5   | 22.282   | 1857   |                     | 12-752   |
| 1/4  | 1/4 Hbarb | QD-INDN4-4H       | CP21-42 | H8C    | DCP2142 | 16-3   | 20.342   | 736    | 5223-11             |          |
| 1/4  | 3/8 Hbarb | QD-INDN4-6H       | CP21-44 | H9C    | DCP2144 | 17-3   | 20.362   | 736-6  |                     |          |
| 3/8  | 3/8 Hbarb | QD-INDN6-6H       | CP25-44 | H5E    | DCP2544 | 48-4   | 21.362   | 1837-6 |                     |          |
| 3/8  | 1/2 Hbarb | QD-INDN6-8H       | CP25-45 | H6E    | DCP2545 | 49-4   | 21.382   |        |                     |          |

## ARO 210 INTERCHANGE

| SIZE | THREAD    | FAIRVIEW PART No. | AMFLO  | PARKER | DIXON   | FOSTER   | TOP-RING | MILTON | SCHRADER BRIDGEPORT | TRUFLATE |
|------|-----------|-------------------|--------|--------|---------|----------|----------|--------|---------------------|----------|
| 1/4  | 1/4 FPT   | QD-AROAC4-4F      | C38    | B53    | DC38    | 210-3003 | 23.442   | 775    | 3526                | 13-334   |
| 1/4  | 3/8 FPT   | QD-AROAC4-6F      | C38-23 | B53E   | DC3823  | 210-3203 | 23.462   |        |                     |          |
| 1/4  | 1/4 NPT   | QD-AROAC4-4M      | C37    | B52    | DC37    | 210-3103 | 23.642   | 776-4  | 3525                | 13-324   |
| 1/4  | 3/8 NPT   | QD-AROAC4-6M      | C37-03 | B52E   | DC3703  | 210-3303 | 23.662   | 776-6  |                     |          |
| 1/4  | 1/4 Hbarb | QD-AROAC4-4H      | C38-42 | B50-3B | DC3842  | 210-3603 | 23.742   |        |                     |          |
| 1/4  | 1/4 FPT   | QD-ARON4-4F       | CP38   | A3C    | DCP38   | 210-11   | 23.142   | 778    | 3530                | 12-334   |
| 1/4  | 1/4 NPT   | QD-ARON4-4M       | CP37   | A2C    | DCP37   | 210-10   | 23.242   | 777    | 3529                | 12-324   |
| 1/4  | 1/4 Hbarb | QD-ARON4-4H       | C37-42 | A8C    | DCP3742 | 210-16   | 23.342   | 777-4  |                     |          |

## TRU-FLATE (AUTOMOTIVE) INTERCHANGE

| SIZE | THREAD  | FAIRVIEW PART No. | AMFLO | PARKER | DIXON | FOSTER | TOP-RING | MILTON | SCHRADER BRIDGEPORT | TRUFLATE |
|------|---------|-------------------|-------|--------|-------|--------|----------|--------|---------------------|----------|
| 1/4  | 1/4 FPT | QD-TFMC4-4F       | C2    | B13    | DC2   | TF3003 | 24.842   | 785    | 3504                | 13-134   |
| 3/8  | 3/8 FPT | QD-TFMC6-6F       | C6    | B15    | DC6   | TF4204 | 25.862   | 1805   | 3516                | 13-612   |
| 1/4  | 1/4 NPT | QD-TFMC4-4M       | C1    | B12    | DC1   | TF3103 | 24.942   | 786    | 3503                | 13-124   |
| 3/8  | 1/4 NPT | QD-TFMC6-4M       | C7    | 14C    | DC7   | TF4104 | 25.842   |        |                     | 13-602   |
| 3/8  | 3/8 NPT | QD-TFMC6-6M       | C5    | 14     | DC5   | TF4304 | 25.962   | 1806   | 3515                | 13-604   |
| 1/4  | 1/4 FPT | QD-TFN4-4F        | CP2   | 3C     | DCP2  | TF11   | 24.142   | 784    | 3507                | 12-134   |
| 3/8  | 3/8 FPT | QD-TFN6-6F        | CP6   | 3E     | DCP6  | TF43   | 25.162   | 1808   | 3518                | 12-612   |
| 1/4  | 1/4 NPT | QD-TFN4-4M        | CP1   | 2C     | DCP1  | TF10   | 24.242   | 783    | 3506                | 12-124   |
| 3/8  | 1/4 NPT | QD-TFN6-4M        | CP7   | 0E     | DCP7  | TF40   | 25.242   | 1809   | 3519                | 12-602   |
| 3/8  | 3/8 NPT | QD-TFN6-6M        | CP5   | 2E     | DCP5  | TF42   | 25.262   | 1807   | 3517                | 12-604   |

## LINCOLN INTERCHANGE

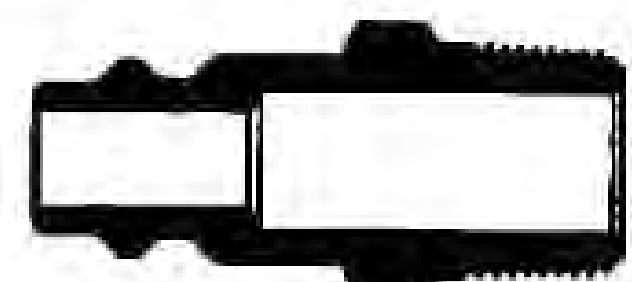
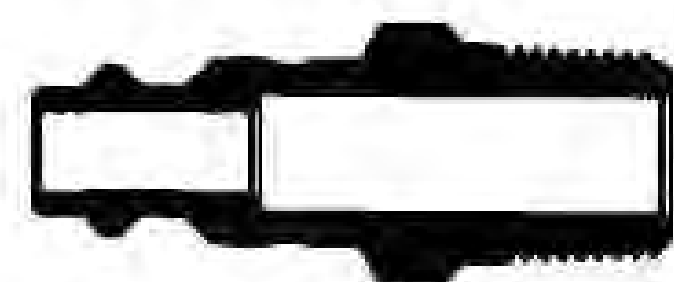
| SIZE | THREAD  | FAIRVIEW PART No. | AMFLO | PARKER | DIXON | FOSTER | TOP-RING | MILTON | SCHRADER BRIDGEPORT | TRUFLATE |
|------|---------|-------------------|-------|--------|-------|--------|----------|--------|---------------------|----------|
| 1/4  | 1/4 FPT | QD-LINMC4-4F      | C28   | B73    | DC28  | LN3003 |          | 790    | 3528                | 13-434   |
| 1/4  | 1/4 NPT | QD-LINMC4-4M      | C27   | B72    | DC27  | LN3103 |          |        |                     |          |
| 1/4  | 1/4 FPT | QD-LINN4-4F       | CP28  | L3C    | DCP28 | LN10   |          | 792    | 3532                | 12-434   |
| 1/4  | 1/4 NPT | QD-LINN4-4M       | CP27  | L2C    | DCP27 | LN11   |          | 791    | 3531                | 12-424   |



**INDUSTRIAL INTERCHANGE - MANUAL**

**1/4" Size**

**3/8" Size**

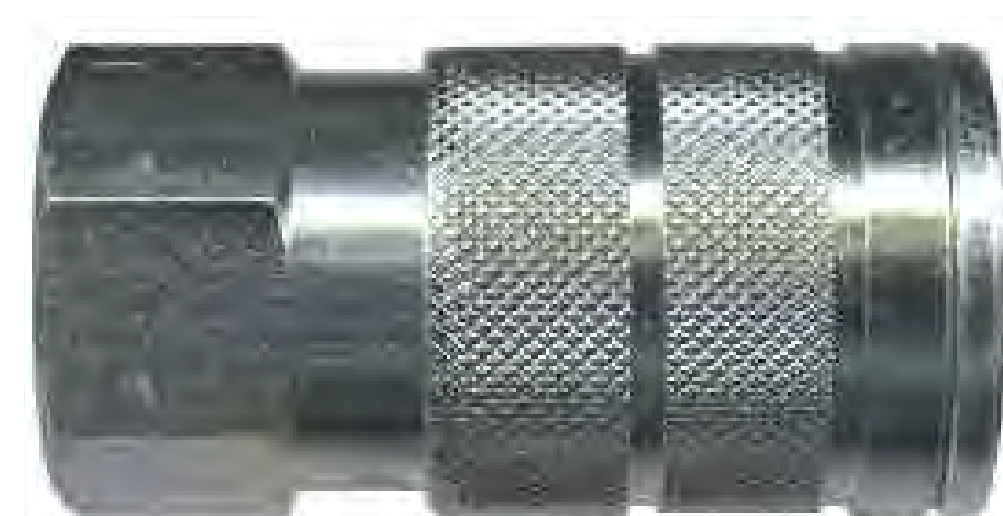


Industrial Interchange -- Standard nose length. NOTE: NOT ACTUAL SIZE

The industrial interchange design is considered the industry standard. The nipple can be easily identified by its' short pilot and flat bottomed ball groove.

See **Pneumatic Quick Disconnect Crossover - Page 193**

Operating pressure: 300 P.S.I. (21 BAR)



Styles May Vary Depending on Size.



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| COUPLERS     |           |         | NIPPLES     |           |         |
|--------------|-----------|---------|-------------|-----------|---------|
| PART No.     | Body Size | Pipe    | PART No.    | Body Size | Pipe    |
| QD-INDMC4-4F | 1/4       | 1/4 FPT | QD-INDN4-4F | 1/4       | 1/4 FPT |
| QD-INDMC4-6F | 1/4       | 3/8 FPT | QD-INDN4-6F | 1/4       | 3/8 FPT |
| QD-INDMC6-4F | 3/8       | 1/4 FPT | QD-INDN6-4F | 3/8       | 1/4 FPT |
| QD-INDMC6-6F | 3/8       | 3/8 FPT | QD-INDN6-6F | 3/8       | 3/8 FPT |
| QD-INDMC6-8F | 3/8       | 1/2 FPT | QD-INDN6-8F | 3/8       | 1/2 FPT |
| QD-INDMC8-8F | 1/2       | 1/2 FPT | QD-INDN8-6F | 1/2       | 3/8 FPT |
|              |           |         | QD-INDN8-8F | 1/2       | 1/2 FPT |
| QD-INDMC4-4M | 1/4       | 1/4 NPT | QD-INDN4-4M | 1/4       | 1/4 NPT |
| QD-INDMC4-6M | 1/4       | 3/8 NPT | QD-INDN4-6M | 1/4       | 3/8 NPT |
| QD-INDMC6-4M | 3/8       | 1/4 NPT | QD-INDN6-4M | 3/8       | 1/4 NPT |
| QD-INDMC6-6M | 3/8       | 3/8 NPT | QD-INDN6-6M | 3/8       | 3/8 NPT |
| QD-INDMC6-8M | 3/8       | 1/2 NPT | QD-INDN6-8M | 3/8       | 1/2 NPT |
| QD-INDMC8-6M | 1/2       | 3/8 NPT | QD-INDN8-6M | 1/2       | 3/8 NPT |
| QD-INDMC8-8M | 1/2       | 1/2 NPT | QD-INDN8-8M | 1/2       | 1/2 NPT |
| PART No.     | Body Size | Hose    | PART No.    | Body Size | Hose    |
| QD-INDMC4-4H | 1/4       | 1/4     | QD-INDN4-4H | 1/4       | 1/4     |
| QD-INDMC4-6H | 1/4       | 3/8     | QD-INDN4-6H | 1/4       | 3/8     |
| QD-INDMC6-6H | 3/8       | 3/8     | QD-INDN6-6H | 3/8       | 3/8     |
| QD-INDMC6-8H | 3/8       | 1/2     | QD-INDN6-8H | 3/8       | 1/2     |
| QD-INDMC8-8H | 1/2       | 1/2     |             |           |         |



see page 254



see page 94

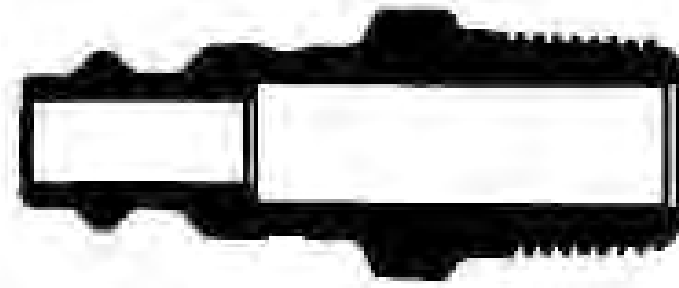


see page 94

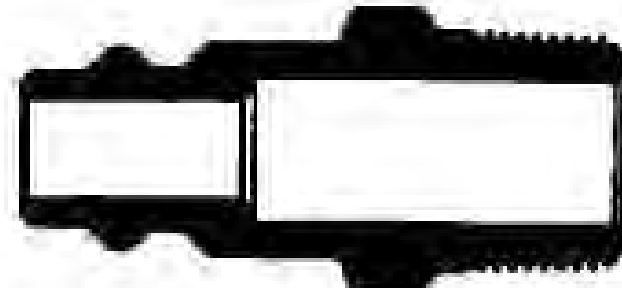


## INDUSTRIAL INTERCHANGE - AUTOMATIC

**1/4" Size**



**3/8" Size**



Industrial Interchange -- Standard nose length. NOTE: NOT ACTUAL SIZE

Interchangeable with QD-INDM series featured on previous page, Fairview's QD-INDA series industrial interchange features a push-to-connect style **Automatic Coupler** for easy one handed installations.

Operating pressure: 300 P.S.I. (21 BAR)



Styles May Vary Depending on Size.



| COUPLERS     |           |         | NIPPLES     |           |         |
|--------------|-----------|---------|-------------|-----------|---------|
| PART No.     | Body Size | Pipe    | PART No.    | Body Size | Pipe    |
| QD-INDAC4-4F | 1/4       | 1/4 FPT | QD-INDN4-4F | 1/4       | 1/4 FPT |
| QD-INDAC4-6F | 1/4       | 3/8 FPT | QD-INDN4-6F | 1/4       | 3/8 FPT |
| QD-INDAC6-4F | 3/8       | 1/4 FPT | QD-INDN6-4F | 3/8       | 1/4 FPT |
| QD-INDAC6-6F | 3/8       | 3/8 FPT | QD-INDN6-6F | 3/8       | 3/8 FPT |
| QD-INDAC8-8F | 1/2       | 1/2 FPT | QD-INDN6-8F | 3/8       | 1/2 FPT |
|              |           |         | QD-INDN8-8F | 1/2       | 1/2 FPT |
| QD-INDAC4-4M | 1/4       | 1/4 NPT | QD-INDN4-4M | 1/4       | 1/4 NPT |
| QD-INDAC4-6M | 1/4       | 3/8 NPT | QD-INDN4-6M | 1/4       | 3/8 NPT |
| QD-INDAC6-4M | 3/8       | 1/4 NPT | QD-INDN6-4M | 3/8       | 1/4 NPT |
| QD-INDAC6-6M | 3/8       | 3/8 NPT | QD-INDN6-6M | 3/8       | 3/8 NPT |
| QD-INDAC6-8M | 3/8       | 1/2 NPT | QD-INDN6-8M | 3/8       | 1/2 NPT |
|              |           |         | QD-INDN8-6M | 1/2       | 3/8 NPT |
|              |           |         | QD-INDN8-8M | 1/2       | 1/2 NPT |
| PART No.     | Body Size | Hose    | PART No.    | Body Size | Hose    |
| QD-INDAC4-4H | 1/4       | 1/4     | QD-INDN4-4H | 1/4       | 1/4     |
| QD-INDAC4-6H | 1/4       | 3/8     | QD-INDN4-6H | 1/4       | 3/8     |
| QD-INDAC6-6H | 3/8       | 3/8     | QD-INDN6-4H | 3/8       | 1/4     |
|              |           |         | QD-INDN6-6H | 3/8       | 3/8     |
|              |           |         | QD-INDN6-8H | 3/8       | 1/2     |
|              |           |         | QD-INDN8-8H | 1/2       | 1/2     |



see page 254



see page 94



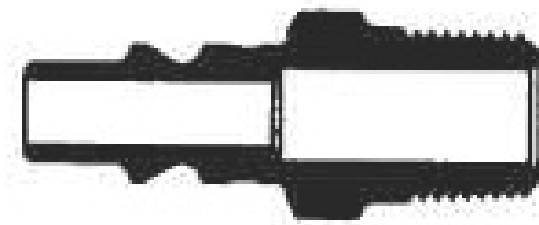
see page 94

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**ARO210 / ARO310 INTERCHANGE SERIES - AUTOMATIC**

**1/4" Size**



Slightly longer nose length.  
NOTE: NOT ACTUAL SIZE

Fairview's QD-ARO series is a pin-type push-to-connect coupler designed for one way shut-off operation. It is interchangeable with ARO-210 / ARO-310 style couplers available from various manufacturers.

**See Pneumatic Quick Disconnect Crossover - Page 193**

Operating pressure: 250 P.S.I. (17 BAR)

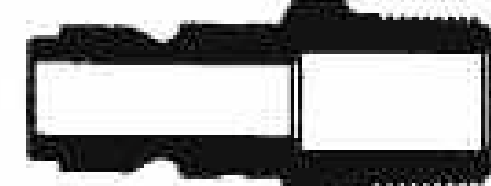


| COUPLERS     |           |          | NIPPLES     |           |          |
|--------------|-----------|----------|-------------|-----------|----------|
| PART No.     | Body Size | Pipe     | PART No.    | Body Size | Pipe     |
| QD-AROAC4-4F | 1/4       | 1/4 FPT  | QD-ARON4-4F | 1/4       | 1/4 FPT  |
| QD-AROAC4-6F | 1/4       | 3/8 FPT  | QD-ARON4-6F | 1/4       | 3/8 FPT  |
| QD-AROAC6-6F | 3/8       | 3/8 FPT  | QD-ARON6-6F | 3/8       | 3/8 FPT  |
| QD-AROAC4-4M | 1/4       | 1/4 NPT  | QD-ARON4-4M | 1/4       | 1/4 NPT  |
| QD-AROAC4-6M | 1/4       | 3/8 NPT  | QD-ARON4-6M | 1/4       | 3/8 NPT  |
| QD-AROAC6-6M | 3/8       | 3/8 NPT  | QD-ARON6-6M | 3/8       | 3/8 NPT  |
| QD-AROAC4-4H | 1/4       | 1/4 HOSE | QD-ARON4-4H | 1/4       | 1/4 HOSE |
| QD-AROAC4-6H | 1/4       | 3/8 HOSE |             |           |          |

**TRU-FLATE INTERCHANGE (AUTOMOTIVE STANDARD)**

**1/4" Size**

**3/8" Size**

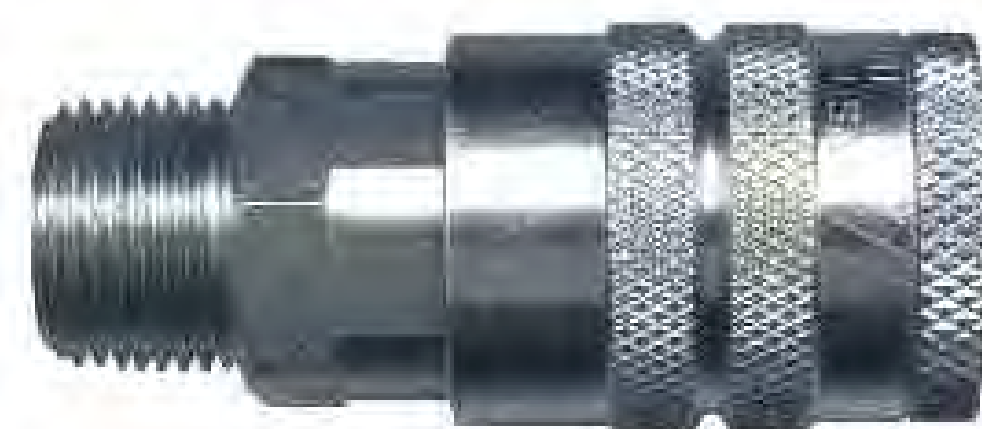
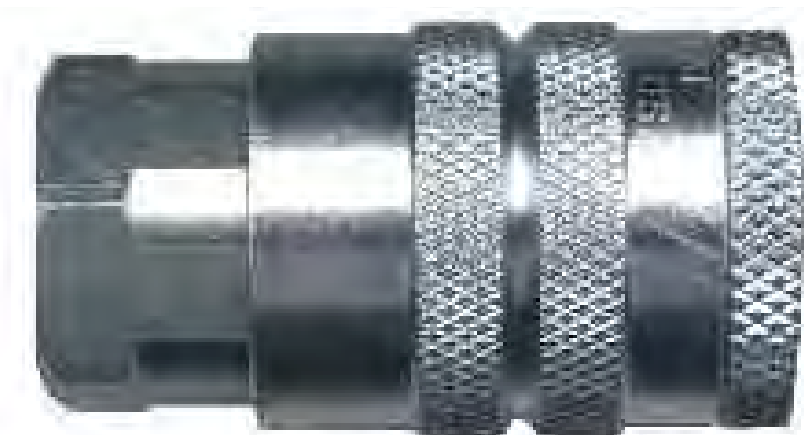


Very short nose  
NOTE: NOT ACTUAL SIZE

Fairview's automotive standard series interchanges with Tru-Flate design as well as automotive standards produced by most manufacturers. The nipple can be easily identified by its' extremely short pilot.

**See Pneumatic Quick Disconnect Crossover - Page 193**

Operating pressure: 300 P.S.I. (21 BAR)

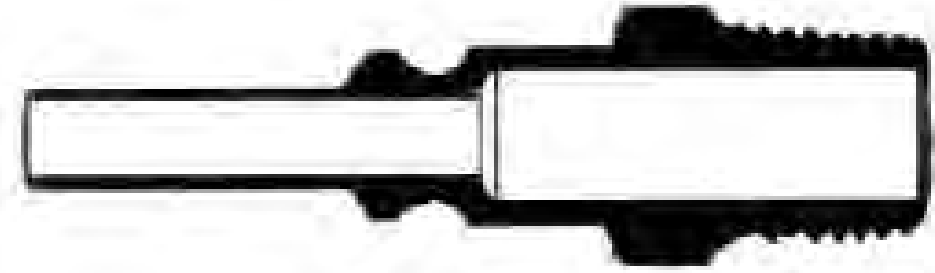


| COUPLERS    |           |          |         | NIPPLES     |           |          |         |
|-------------|-----------|----------|---------|-------------|-----------|----------|---------|
| PART No.    | Body Size | Material | Pipe    | PART No.    | Body Size | Material | Pipe    |
| QD-TFMC4-4F | 1/4       | Steel    | 1/4 FPT | QD-TFN4-4F  | 1/4       | Brass    | 1/4 FPT |
| QD-TFMC6-4F | 3/8       |          | 1/4 FPT | QD-TFN6-4F  | 3/8       | Steel    | 1/4 FPT |
| QD-TFMC6-6F | 3/8       |          | 3/8 FPT | QD-TFN6-6F  | 3/8       | Steel    | 3/8 FPT |
| QD-TFMC8-8F | 1/2       |          | 1/2 FPT | QD-TFN8-8F  | 1/2       | Steel    | 1/2 FPT |
| QD-TFMC4-4M | 1/4       |          | 1/4 NPT | QD-TFN4-4M  | 1/4       | Brass    | 1/4 NPT |
| QD-TFMC6-4M | 3/8       |          | 1/4 NPT | QD-TFN6-4M  | 3/8       | Steel    | 1/4 NPT |
| QD-TFMC6-6M | 3/8       |          | 3/8 NPT | QD-TFN6-6M  | 3/8       | Steel    | 3/8 NPT |
|             |           |          |         | QD-STFN4-4F | 1/4       | Steel    | 1/4 FPT |
|             |           |          |         | QD-STFN4-4M | 1/4       | Steel    | 1/4 NPT |



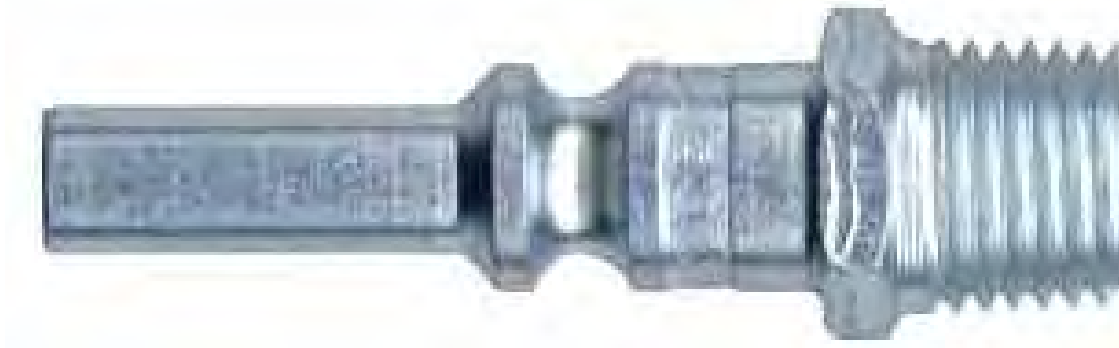
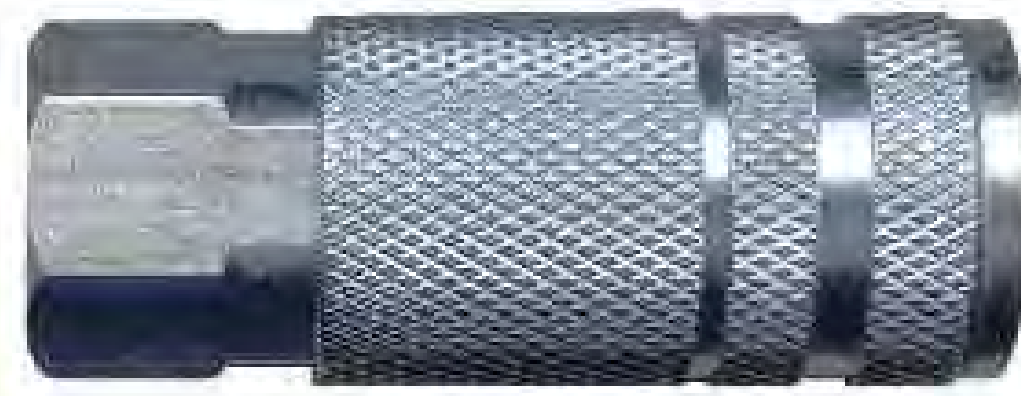
## LINCOLN INTERCHANGE COUPLING - MANUAL

**1/4" Size**



Very long nose length.  
NOTE: NOT ACTUAL SIZE

Fairview's Lincoln series interchange is a manual style connection easily identified by its' long pilot and short ball groove. It interchanges with Lincoln style couplings available from other manufacturers.  
**See Pneumatic Quick Disconnect Crossover - Page 193**  
Operating pressure: 300 P.S.I. (21 BAR)



| COUPLERS     |           |         | NIPPLES     |           |         |
|--------------|-----------|---------|-------------|-----------|---------|
| PART No.     | Body Size | Pipe    | PART No.    | Body Size | Pipe    |
| QD-LINMC4-4F | 1/4       | 1/4 FPT | QD-LINN4-4F | 1/4       | 1/4 FPT |
| QD-LINMC4-4M | 1/4       | 1/4 NPT | QD-LINN4-4M | 1/4       | 1/4 NPT |

## MINIATURE HIGH CAPACITY SERIES - AUTOMATIC

Ideally suited for medical, dental equipment, small air tools, robotics, laboratories, air conditioning systems, plant feeding, training aids, auto emission testing, cooling lines, photo processing and breathing apparatus.

**Maximum pressure rating:** 1000 psi

**Working pressure:** 0-230 psi

**Vacuum:** Over 12" Mercury

**Temperature range:** -40°F to +250°F, -40°C to +121°C



- One-handed operation
- High flow-low pressure drop
- Large range of connections
- Brass construction

| COUPLERS      |           |         | NIPPLES      |           |         |
|---------------|-----------|---------|--------------|-----------|---------|
| PART No.      | Body Size | Pipe    | PART No.     | Body Size | Pipe    |
| QD-MINIAC2-2F | 1/8       | 1/8 FPT | QD-MININ2-2F | 1/8       | 1/8 FPT |
| QD-MINIAC2-4F | 1/8       | 1/4 FPT | QD-MININ2-4F | 1/8       | 1/4 FPT |
| QD-MINIAC2-2M | 1/8       | 1/8 NPT | QD-MININ2-2M | 1/8       | 1/8 NPT |
| QD-MINIAC2-4M | 1/8       | 1/4 NPT | QD-MININ2-4M | 1/8       | 1/4 NPT |

## UNIVERSAL INTERCHANGE COUPLING - AUTOMATIC

**Industrial    Tru-Flate    ARO 210**



Fairview's Universal series is a push-to-connect style coupler capable of accepting ARO 210, Industrial and Tru-Flate Interchanges.  
Operating pressure: 300 P.S.I. (21 BAR)



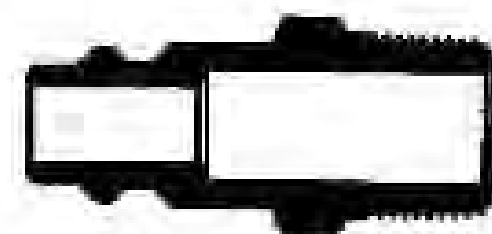
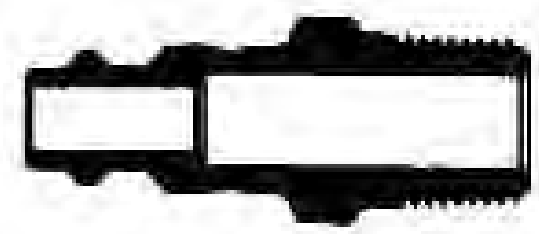
| COUPLERS     |           |         | COUPLERS     |           |      |
|--------------|-----------|---------|--------------|-----------|------|
| PART No.     | Body Size | Pipe    | PART No.     | Body Size | Hose |
| QD-UNIAC4-4F | 1/4       | 1/4 FPT | QD-UNIAC4-4H | 1/4       | 1/4  |
| QD-UNIAC4-6F | 1/4       | 3/8 FPT | QD-UNIAC4-6H | 1/4       | 3/8  |
| QD-UNIAC4-4M | 1/4       | 1/4 NPT |              |           |      |
| QD-UNIAC4-6M | 1/4       | 3/8 NPT |              |           |      |



**INDUSTRIAL INTERCHANGE SWING COUPLINGS**

**1/4" Size**

**3/8" Size**



NOTE: NOT ACTUAL SIZE



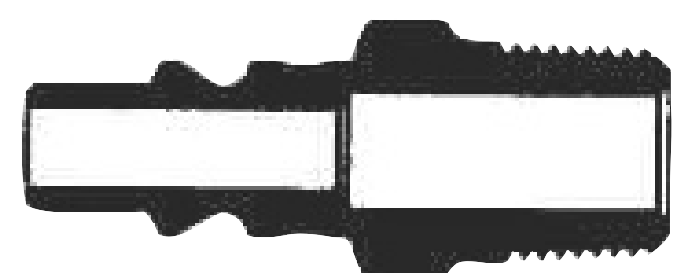
Industrial interchange swing coupling offers full flow, safety exhaust, locking feature, and connect and disconnect under pressure. Operating pressure 360 P.S.I. (25 BAR)

| PART No.       | Body Size | Pipe    |
|----------------|-----------|---------|
| QD-SCINDMC4-4F | 1/4       | 1/4 FPT |
| QD-SCINDMC4-6F | 1/4       | 3/8 FPT |
| QD-SCINDMC6-4F | 3/8       | 1/4 FPT |
| QD-SCINDMC6-6F | 3/8       | 3/8 FPT |
| QD-SCINDMC6-8F | 3/8       | 1/2 FPT |
| QD-SCINDMC8-8F | 1/2       | 1/2 FPT |
|                |           |         |
| QD-SCINDMC4-4M | 1/4       | 1/4 NPT |
| PART No.       | Body Size | Hose    |
| QD-SCINDMC4-4H | 1/4       | 1/4     |
| QD-SCINDMC4-6H | 1/4       | 3/8     |
| QD-SCINDMC6-6H | 3/8       | 3/8     |

Note: Use with QD-INDN Series Nipples Page 194 - 195

**ARO210 INTERCHANGE SWING COUPLINGS**

**1/4" Size**



Slightly longer nose length.  
NOTE: NOT ACTUAL SIZE



ARO210 Swing couplings offers full flow, safety exhaust, locking feature, and connect and disconnect under pressure. It is interchangeable with ARO210 style available from various manufacturers. Operating Pressure: 360 P.S.I. (25 BAR)

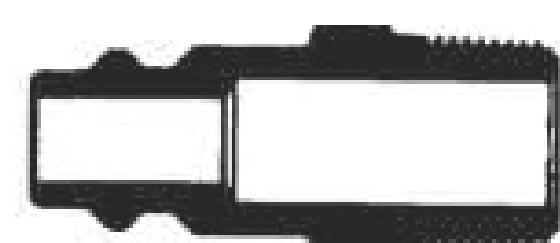
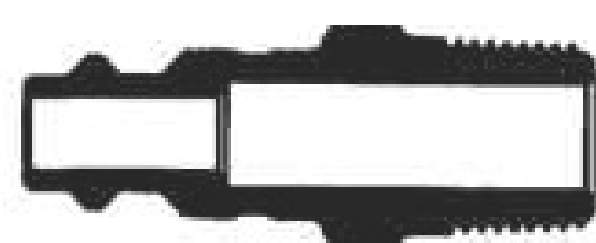
| PART No.       | Body Size | Pipe    |
|----------------|-----------|---------|
| QD-SCAROMC4-4F | 1/4       | 1/4 FPT |
| QD-SCAROMC4-6F | 1/4       | 3/8 FPT |
| QD-SCAROMC4-4M | 1/4       | 1/4 NPT |
| QD-SCAROMC4-6M | 1/4       | 3/8 NPT |
| PART No.       | Body Size | Hose    |
| QD-SCAROMC4-4H | 1/4       | 1/4     |
| QD-SCAROMC4-6H | 1/4       | 3/8     |

Note: Use with QD-ARON Series Nipples Page 196

**CEJN INTERCHANGE SWING COUPLINGS**

**1/4" Size**

**3/8" Size**



CEJN Interchange -- Short wide nose.  
NOTE: NOT ACTUAL SIZE



CEJN interchange Swing couplings offer full flow, safety exhaust, locking feature, and connect and disconnect under pressure. Operating Pressure: 360 P.S.I. (25 BAR)

| <b>SWING COUPLERS</b> |           |         |
|-----------------------|-----------|---------|
| PART No.              | Body Size | Pipe    |
| QD-SCCEJNC4-6F        | 1/4       | 3/8 FPT |
| <b>NIPPLES</b>        |           |         |
| PART No.              | Body Size | Pipe    |
| QD-CEJNN4-4M          | 1/4       | 1/4 NPT |

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## STRAIGHT THROUGH PRESSURE WASH Q.D.'S



- Smooth bore permits free flow.
- Ideal for high pressure water applications (Pressure Washers)

### STRAIGHT THROUGH COUPLER - BRASS

| PART No.    | Body Size | Female Pipe |
|-------------|-----------|-------------|
| QD-BSTC4-4F | 1/4       | 1/4         |
| QD-BSTC6-6F | 3/8       | 3/8         |
| QD-BSTC8-8F | 1/2       | 1/2         |

| PART No.    | Body Size | Male Pipe |
|-------------|-----------|-----------|
| QD-BSTC4-4M | 1/4       | 1/4       |
| QD-BSTC6-6M | 3/8       | 3/8       |
| QD-BSTC8-8M | 1/2       | 1/2       |

### STRAIGHT THROUGH COUPLER - STAINLESS STEEL

| PART No.    | Body Size | Female Pipe |
|-------------|-----------|-------------|
| QD-SSTC4-4F | 1/4       | 1/4         |
| QD-SSTC6-6F | 3/8       | 3/8         |
| QD-SSTC8-8F | 1/2       | 1/2         |

| PART No.    | Body Size | Male Pipe |
|-------------|-----------|-----------|
| QD-SSTC4-4M | 1/4       | 1/4       |
| QD-SSTC6-6M | 3/8       | 3/8       |

• Temperature: Hot Water +200°F, +93°C With EPR O-Ring

### COUPLER SET PRESSURE RATINGS (P.S.I.)

|                 | 1/4  | 3/8  | 1/2  |
|-----------------|------|------|------|
| BRASS           | 4000 | 4000 | 2200 |
| STEEL           | 4000 | 4000 | 2700 |
| STAINLESS STEEL | 4000 | 4000 | 3000 |

### STRAIGHT THROUGH NIPPLE - BRASS

| PART No.    | Body Size | Female Pipe |
|-------------|-----------|-------------|
| QD-BSTN4-4F | 1/4       | 1/4         |
| QD-BSTN6-6F | 3/8       | 3/8         |
| QD-BSTN8-8F | 1/2       | 1/2         |

| PART No.    | Body Size | Male Pipe |
|-------------|-----------|-----------|
| QD-BSTN4-4M | 1/4       | 1/4       |
| QD-BSTN6-6M | 3/8       | 3/8       |
| QD-BSTN8-8M | 1/2       | 1/2       |

### STRAIGHT THROUGH NIPPLE - STEEL

| PART No.   | Body Size | Female Pipe |
|------------|-----------|-------------|
| QD-STN4-4F | 1/4       | 1/4         |
| QD-STN6-6F | 3/8       | 3/8         |
| QD-STN8-8F | 1/2       | 1/2         |

| PART No.   | Body Size | Male Pipe |
|------------|-----------|-----------|
| QD-STN4-4M | 1/4       | 1/4       |
| QD-STN6-6M | 3/8       | 3/8       |
| QD-STN8-8M | 1/2       | 1/2       |

### STRAIGHT THROUGH NIPPLE - STAINLESS STEEL

| PART No.    | Body Size | Female Pipe |
|-------------|-----------|-------------|
| QD-SSTN4-4F | 1/4       | 1/4         |
| QD-SSTN6-6F | 3/8       | 3/8         |
| QD-SSTN8-8F | 1/2       | 1/2         |

| PART No.    | Body Size | Male Pipe |
|-------------|-----------|-----------|
| QD-SSTN4-4M | 1/4       | 1/4       |
| QD-SSTN6-6M | 3/8       | 3/8       |
| QD-SSTN8-8M | 1/2       | 1/2       |

## PRESSURE WASH HOSE ADAPTERS



| PART No.      | Pipe Size           |
|---------------|---------------------|
| QD-KARCHER-6F | 3/8 FPT X M22 X 1.5 |
| QD-KARCHER-6M | 3/8 NPT X M22 X 1.5 |



| PART No.   | Pipe Size           |
|------------|---------------------|
| QD-KARN-6F | 3/8 FPT X M22 X 1.5 |
| QD-KARN-6M | 3/8 NPT X M22 X 1.5 |



| PART No.   | Pipe Size           |
|------------|---------------------|
| QD-KARN-6F | 3/8 FPT X M22 X 1.5 |
| QD-KARN-6M | 3/8 NPT X M22 X 1.5 |



| PART No.   | Pipe Size           |
|------------|---------------------|
| QD-KARN-6F | 3/8 FPT X M22 X 1.5 |
| QD-KARN-6M | 3/8 NPT X M22 X 1.5 |



| PART No.      | Pipe Size                |
|---------------|--------------------------|
| B1120-CC-3000 | 3/8 MPT x 3/8 FPT SWIVEL |

• USED TO ADAPT STANDARD PRESSURE WASH HOSES TO KARCHER STYLE EQUIPMENT • ABOVE PRESSURE WASH COUPLINGS COME WITH EPR O-RING GOOD FOR HOT WATER UP TO 200°F • PRESSURE RATING: 4000 PSI

3000 PSI BRASS SWIVEL: DESIGNED FOR USE WITH PRESSURE WAS ASSEMBLIES

## BRASS WATER HOSE (GARDEN HOSE) QUICK DISCONNECTS



| PART No. | DESCRIPTION                                  |
|----------|----------------------------------------------|
| QD-WHCF  | Quick Disconnect Coupler X Water Hose Thread |

| PART No. | DESCRIPTION                           |
|----------|---------------------------------------|
| QD-WHVCF | Valved QD Coupler X Water Hose Thread |



| PART No. | DESCRIPTION                                 |
|----------|---------------------------------------------|
| QD-WHNM  | Quick Disconnect Nipple X Water Hose Thread |

• TO BE USED WITH DOMESTIC (CITY) WATER SUPPLY • WATER NOZZLES SEE PAGE 256

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### C.S.A. GAS INTERCHANGE QUICK DISCONNECTS



- C.S.A. certified for natural gas and L.P. gas - air mixtures.
- Quick Disconnects Pressure Rated To 60 P.S.I.

| Quick Disconnect BTU Capacity<br>(Flow capacities are based on 0.64 specific gravity @ 0.3" w.c. pressure drop) |        |         |         |         |         |
|-----------------------------------------------------------------------------------------------------------------|--------|---------|---------|---------|---------|
| 1/4                                                                                                             | 3/8    | 1/2     | 3/4     | 1       | 1-1/4   |
| 50,000                                                                                                          | 85,000 | 120,000 | 260,000 | 325,000 | 535,000 |



| VALVED COUPLER - BRASS           |           |             | NIPPLE - BRASS |           |           |
|----------------------------------|-----------|-------------|----------------|-----------|-----------|
| PART No.                         | Body Size | Female Pipe | PART No.       | Body Size | Pipe      |
| QD-GMC4-4F                       | 1/4       | 1/4         | QD-GMRVN4-4M   | 1/4       | 1/4 NPT   |
| QD-GMC6-6F                       | 3/8       | 3/8         | QD-GMN6-6F     | 3/8       | 3/8 FPT   |
| BB-QD-GMC6-6F<br>(Blister Boxed) | 3/8       | 3/8         | QD-GMN8-8F     | 1/2       | 1/2 FPT   |
| QD-GMC8-8F                       | 1/2       | 1/2         | QD-GMN12-12F   | 3/4       | 3/4 FPT   |
| QD-GMC12-12F                     | 3/4       | 3/4         | QD-GMN16-16F   | 1         | 1 FPT     |
| QD-GMC16-16F                     | 1         | 1           | QD-GMN20-20F   | 1-1/4     | 1-1/4 FPT |
| QD-GMC20-20F                     | 1-1/4     | 1-1/4       |                |           |           |

| PART No.  | Body Size | Style      |
|-----------|-----------|------------|
| QD-GMC6-Y | 3/8       | Y Splitter |



Retail packaging available.



Designed for use with our  
NGO Series Gas Outlets

| SIZE | COUPLER PLUG | NIPPLE CAP |
|------|--------------|------------|
| 1/4  | QD-RVSDC-4   | --         |
| 3/8  | QD-GMDP-6    | QD-GMDC-6  |
| 1/2  | QD-GMDP-8    | QD-GMDC-8  |
| 3/4  | QD-GMDP-12   | QD-GMDC-12 |

### GAS-FLO RECREATIONAL VEHICLE VALVED QUICK DISCONNECT

- C.S.A. (C.G.A. / A.G.A.) design certified for natural gas and L.P. gas - air mixtures up to 60 p.s.i. w.p.



**BRASS PLUG 1/4 MALE PIPE**

**PART No.**  
QD-GMRVN4-4M  
Full flow plug for quick connect and disconnect of R.V. style coupler.

**R.V. Q.D. SET COUPLER & PLUG**

**PART No.**  
BB-QD-GMRV-SET

**Body Size**  
1/4"

**Description**  
With Retail Blister Box



**COUPLER WITH BALL VALVE 1/4 FEMALE PIPE**

**PART No.**  
QD-GMRVC4-4F  
For quick connect and disconnect of LP gas hose to LP gas camping appliance.

**COUPLER DUST PLUG**

**PART No.**  
QD-RVSDC-4



**Body Size**  
1/4"

**Size**  
1/4"





**WHAT'S NEW  
IN THIS SECTION**

- Accutek® Equalizer Gauges .. 207-209
- Digital Pressure Gauge ..... 211
- Thermometers ..... 212
- Thermowells ..... 212

**ACCUTEK®**  
Accutek is a Registered  
Trademark of Fairview Ltd.

**PRESSURE GAUGES  
STEEL - STAINLESS**

DIGITAL PRESSURE GAUGES .....211  
 DRY .....205 - 209  
 EQUALIZER GAUGES .....207 - 209  
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H



- Glycerin Liquid Gauge • **#304 Stainless Steel Case** • 1.5% Full Scale Accuracy
- Ambient-Process Temp: -4°F To + 150°F, -20°C To +65°C • Meets ASME B40.100 Standards

**Liquid Gauge Identification:**



Black Plug Signifies Standard



Brown Plug Signifies Low Temp Liquid

After installation lift plunger to vent gauge



## 1/4 NPT BRASS STEM MOUNT (2.5" DIAL)

| PART No.     | Dial Diameter |          | Range  |  | PART No.     | Dial Diameter |          | Range   |  |
|--------------|---------------|----------|--------|--|--------------|---------------|----------|---------|--|
|              | (IN.)         | (P.S.I.) | (kPa)  |  |              | (IN.)         | (P.S.I.) | (kPa)   |  |
| PG-15SG25    | 2.5           | 0-15     | 0-100  |  | PG-400SG25   | 2.5           | 0-400    | 0-2800  |  |
| PG-30SG25    | 2.5           | 0-30     | 0-200  |  | PG-600SG25   | 2.5           | 0-600    | 0-4000  |  |
| PG-30SG25LT  | 2.5           | 0-30     | 0-200  |  | PG-1000SG25  | 2.5           | 0-1000   | 0-7000  |  |
| PG-60SG25    | 2.5           | 0-60     | 0-400  |  | PG-1500SG25  | 2.5           | 0-1500   | 0-10000 |  |
| PG-60SG25LT  | 2.5           | 0-60     | 0-400  |  | PG-2000SG25  | 2.5           | 0-2000   | 0-14000 |  |
| PG-100SG25   | 2.5           | 0-100    | 0-700  |  | PG-3000SG25  | 2.5           | 0-3000   | 0-21000 |  |
| PG-100SG25LT | 2.5           | 0-100    | 0-700  |  | PG-5000SG25  | 2.5           | 0-5000   | 0-35000 |  |
| PG-160SG25   | 2.5           | 0-160    | 0-1100 |  | PG-10000SG25 | 2.5           | 0-10000  | 0-70000 |  |
| PG-160SG25LT | 2.5           | 0-160    | 0-1100 |  |              |               |          |         |  |
| PG-200SG25   | 2.5           | 0-200    | 0-1400 |  |              |               |          |         |  |
| PG-300SG25   | 2.5           | 0-300    | 0-2100 |  |              |               |          |         |  |

("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)



## 1/4 NPT BRASS STEM MOUNT (4" DIAL)

| PART No.    | Dial Diameter |          | Range  |  | PART No.    | Dial Diameter |          | Range   |  |
|-------------|---------------|----------|--------|--|-------------|---------------|----------|---------|--|
|             | (IN.)         | (P.S.I.) | (kPa)  |  |             | (IN.)         | (P.S.I.) | (kPa)   |  |
| PG-30SG4    | 4             | 0-30     | 0-200  |  | PG-1000SG4  | 4             | 0-1000   | 0-7000  |  |
| PG-60SG4    | 4             | 0-60     | 0-400  |  | PG-1500SG4  | 4             | 0-1500   | 0-10000 |  |
| PG-100SG4   | 4             | 0-100    | 0-700  |  | PG-3000SG4  | 4             | 0-3000   | 0-21000 |  |
| PG-160SG4   | 4             | 0-160    | 0-1100 |  | PG-5000SG4  | 4             | 0-5000   | 0-35000 |  |
| PG-160SG4LT | 4             | 0-160    | 0-1100 |  | PG-10000SG4 | 4             | 0-10000  | 0-70000 |  |
| PG-200SG4   | 4             | 0-160    | 0-1400 |  |             |               |          |         |  |
| PG-300SG4   | 4             | 0-300    | 0-2100 |  |             |               |          |         |  |

("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)

## 1/4 NPT BRASS CENTER BACK MOUNT (2.5" DIAL)



| PART No.     | Dial Diameter |          | Range  |  | PART No.     | Dial Diameter |          | Range   |  |
|--------------|---------------|----------|--------|--|--------------|---------------|----------|---------|--|
|              | (IN.)         | (P.S.I.) | (kPa)  |  |              | (IN.)         | (P.S.I.) | (kPa)   |  |
| PG-15CG25    | 2.5           | 0-15     | 0-100  |  | PG-400CG25   | 2.5           | 0-400    | 0-2800  |  |
| PG-30CG25    | 2.5           | 0-30     | 0-200  |  | PG-600CG25   | 2.5           | 0-600    | 0-4000  |  |
| PG-60CG25    | 2.5           | 0-60     | 0-400  |  | PG-1000CG25  | 2.5           | 0-1000   | 0-7000  |  |
| PG-100CG25   | 2.5           | 0-100    | 0-700  |  | PG-1500CG25  | 2.5           | 0-1500   | 0-10000 |  |
| PG-100CG25LT | 2.5           | 0-100    | 0-700  |  | PG-2000CG25  | 2.5           | 0-2000   | 0-14000 |  |
| PG-160CG25   | 2.5           | 0-160    | 0-1100 |  | PG-3000CG25  | 2.5           | 0-3000   | 0-21000 |  |
| PG-160CG25LT | 2.5           | 0-160    | 0-1100 |  | PG-5000CG25  | 2.5           | 0-5000   | 0-35000 |  |
| PG-200CG25   | 2.5           | 0-200    | 0-1400 |  | PG-10000CG25 | 2.5           | 0-10000  | 0-70000 |  |
| PG-300CG25   | 2.5           | 0-300    | 0-2100 |  |              |               |          |         |  |

("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)



# ALL STAINLESS STEEL LIQUID FILLED PRESSURE GAUGES



- Glycerin Liquid Gauge • **All Stainless Steel** • 1.5% Full Scale Accuracy
- Ambient-Process Temp: - 4°F To + 150°F, -20°C To +65°C • Meets ASME B40.100 Standards

**Liquid Gauge Identification:**



Black Plug  
Signifies  
Standard



Brown Plug  
Signifies  
Low Temp  
Liquid

After installation lift plunger to vent gauge



## 1/4 NPT STAINLESS STEEM MOUNT (2.5" DIAL)

| PART No.       | Dial Dia. | Range    |        |
|----------------|-----------|----------|--------|
|                | (IN.)     | (P.S.I.) | (kPa)  |
| PG-30SG25SS    | 2.5       | 0-30     | 0-200  |
| PG-60SG25SS    | 2.5       | 0-60     | 0-400  |
| PG-100SG25SS   | 2.5       | 0-100    | 0-700  |
| PG-100SG25SSLT | 2.5       | 0-100    | 0-700  |
| PG-160SG25SS   | 2.5       | 0-160    | 0-1100 |
| PG-160SG25SSLT | 2.5       | 0-160    | 0-1100 |
| PG-200SG25SS   | 2.5       | 0-200    | 0-1400 |
| PG-300SG25SS   | 2.5       | 0-300    | 0-2100 |

("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)



## 1/4 NPT STAINLESS STEEM MOUNT (4" DIAL)

| PART No.      | Dial Dia. | Range    |        |
|---------------|-----------|----------|--------|
|               | (IN.)     | (P.S.I.) | (kPa)  |
| PG-30SG4SS    | 4         | 0-30     | 0-200  |
| PG-60SG4SS    | 4         | 0-60     | 0-400  |
| PG-100SG4SS   | 4         | 0-100    | 0-700  |
| PG-160SG4SS   | 4         | 0-160    | 0-1100 |
| PG-160SG4SSLT | 4         | 0-160    | 0-1100 |
| PG-200SG4SS   | 4         | 0-160    | 0-1400 |
| PG-300SG4SS   | 4         | 0-300    | 0-2100 |

("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)

- 1/2" Stem mount available; suffix "-D" to the above PART No



## 1/4 NPT STAINLESS CENTER BACK MOUNT (2.5" DIAL)

| PART No.       | Dial Dia. | Range    |        |
|----------------|-----------|----------|--------|
|                | (IN.)     | (P.S.I.) | (kPa)  |
| PG-60CG25SS    | 2.5       | 0-60     | 0-400  |
| PG-100CG25SS   | 2.5       | 0-100    | 0-700  |
| PG-100CG25SSLT | 2.5       | 0-100    | 0-700  |
| PG-160CG25SS   | 2.5       | 0-160    | 0-1100 |
| PG-160CG25SSLT | 2.5       | 0-160    | 0-1100 |
| PG-200CG25SS   | 2.5       | 0-200    | 0-1400 |
| PG-300CG25SS   | 2.5       | 0-300    | 0-2100 |

("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)

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- Glycerin Liquid Gauge • #304 Stainless Steel Case • 1.5% Full Scale Accuracy
- Ambient-Process Temp: - 4°F To + 150°F, -20°C To +65°C • Meets ASME B40.100 Standards



After installation lift plunger to vent gauge

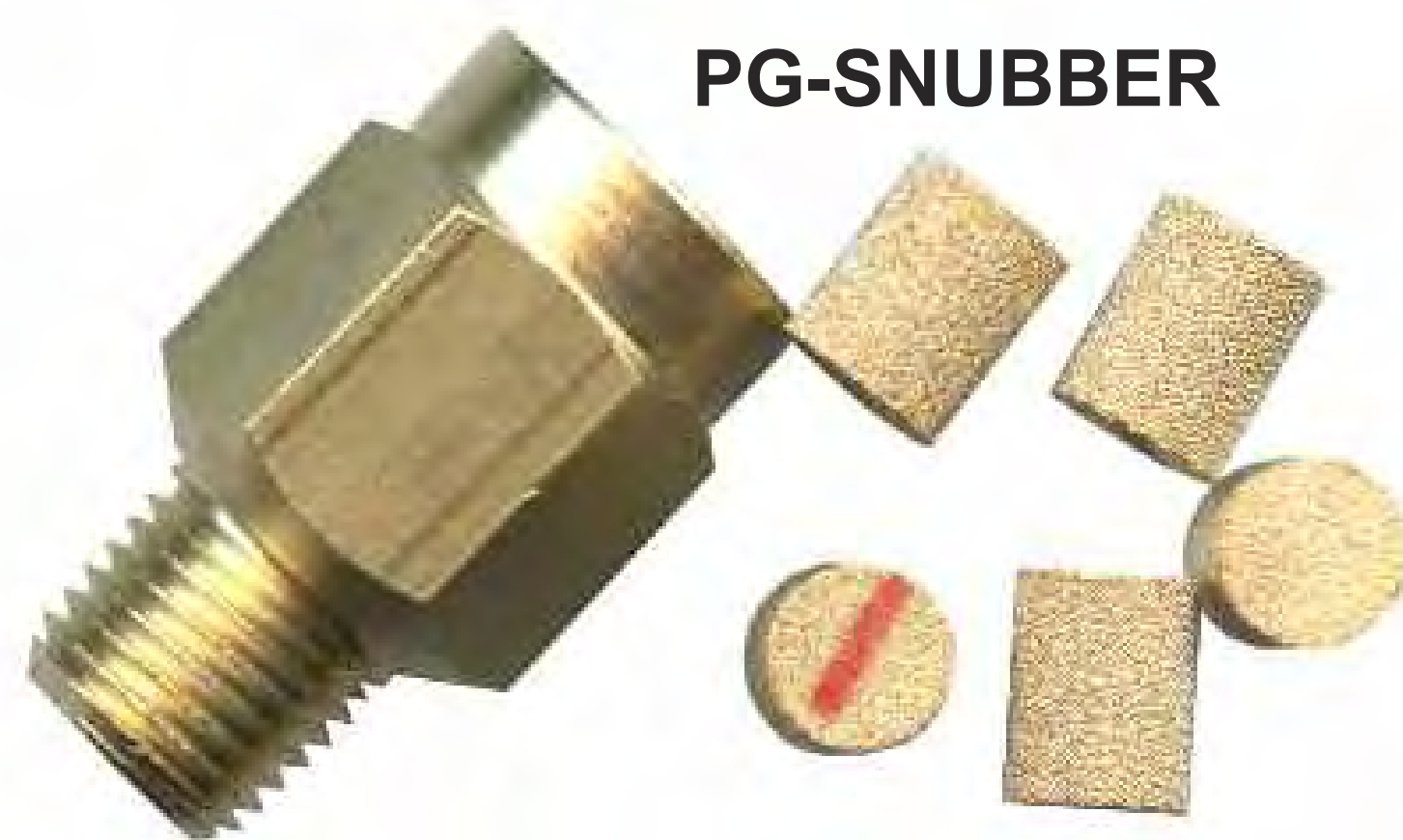
("LT" -76°F To + 392°F, -60°C To +200°C Low Temp)

Brown Plug Signifies Low Temp Liquid



**PG-MB25**  
2 SCREW U-CLAMP  
(For Use With Center Back Or Stem Mount Gauges.)

**PG-PM25**  
3 HOLE PANEL MOUNT  
(Only For Use With Center Back Mount Gauges.)



**PG-RC25**

## WITH FACTORY FLANGE 1/4 NPT BRASS STEM MOUNT (2.5" DIAL)

| PART No.     | Dial Diameter | Range    |        |
|--------------|---------------|----------|--------|
|              | (IN.)         | (P.S.I.) | (kPa)  |
| PG-30SGRF    | 4             | 0-30     | 0-200  |
| PG-100SGRF   | 4             | 0-100    | 0-700  |
| PG-100SGRFLT | 4             | 0-100    | 0-700  |
| PG-160SGRF   | 4             | 0-160    | 0-1100 |

## VACUUM SERVICE 1/4 NPT BRASS STEM MOUNT (2.5" DIAL)

| PART No.     | For Dial Dia. | Range   |          |
|--------------|---------------|---------|----------|
|              | (IN.)         | Vacuum  | (P.S.I.) |
| PG-30SGV25   | 2.5           | 30-0 hg |          |
| PG-30V30SG25 | 2.5           | 30-0 hg | 0-30     |

## VACUUM SERVICE 1/4 NPT BRASS CENTER BACK MOUNT (2.5" DIAL)

| PART No.     | For Dial Dia. | Range   |          |
|--------------|---------------|---------|----------|
|              | (IN.)         | Vacuum  | (P.S.I.) |
| PG-30CGV25   | 2.5           | 30-0 hg |          |
| PG-30V30CG25 | 2.5           | 30-0 hg | 0-30     |

## MOUNTING BRACKETS

| PART No. | For Dial Dia. | Description        |
|----------|---------------|--------------------|
|          | (IN.)         |                    |
| PG-MB25  | 2.5           | 2 Screw U-Clamp    |
| PG-PM25  | 2.5           | 3 Hole Panel Mount |
| PG-RF4   | 4             | 3 Hole Panel Mount |

## BRASS SNUBBER

| PART No.     | Range    | Pre-Assembled<br>(Viscous Fluids 40um) |
|--------------|----------|----------------------------------------|
|              | (P.S.I.) |                                        |
| PG-SNUBBER * | 0-10000  |                                        |

- Brass 1/4" Female x 1/4" Male
- Protects gauges from shock.
- Ambient-Process Temp:- 65°F To + 650°F, - 54°C To + 343°C

Complete with color coded interchangeable porosity elements. Standard factory element is 40 um. Follow instructions for replacing element if required. (5 um, 10 um, 20 um, 25 um, 30 um) Suitable for Water, Air and Gasoline applications.

\*Conforms to requirements of MIL-D-2940A

## GAUGE PROTECTOR COVER

| PART No. | For Dial Dia. | Material | Color |
|----------|---------------|----------|-------|
|          | (IN.)         |          |       |
| PG-RC25  | 2.5           | Rubber   | Blue  |
| PG-RC4   | 4.0           | Rubber   | Blue  |



# DRY PRESSURE GAUGES



- Dry Gauge • **Steel Case** • Accuracy: 3% -2% -3% • Connection: Brass • Bourdon Tube
- Ambient-Process Temp: -40°F To +140°F, -40°C To +60°C • Meets ASME B40.100 Standards



## 1/8 NPT BRASS STEM MOUNT (1.5" DIAL)

| PART No.   | Dial Dia. | Range    |       |
|------------|-----------|----------|-------|
|            | (IN.)     | (P.S.I.) | (kPa) |
| PG-100SD15 | 1.5       | 0-100    | N/A   |
| PG-160SD15 | 1.5       | 0-160    | N/A   |

## 1/4 NPT BRASS STEM MOUNT

| PART No.   | Dial Dia. | Range    |        |
|------------|-----------|----------|--------|
|            | (IN.)     | (P.S.I.) | (kPa)  |
| PG-15SD2   | 2         | 0-15     | N/A    |
| PG-30SD2   | 2         | 0-30     | N/A    |
| PG-60SD2   | 2         | 0-60     | N/A    |
| PG-100SD2  | 2         | 0-100    | N/A    |
| PG-160SD2  | 2         | 0-160    | N/A    |
| PG-200SD2  | 2         | 0-200    | N/A    |
| PG-300SD2  | 2         | 0-300    | N/A    |
| PG-15SD25  | 2.5       | 0-15     | 0-100  |
| PG-30SD25  | 2.5       | 0-30     | 0-200  |
| PG-60SD25  | 2.5       | 0-60     | 0-400  |
| PG-100SD25 | 2.5       | 0-100    | 0-700  |
| PG-160SD25 | 2.5       | 0-160    | 0-1100 |
| PG-200SD25 | 2.5       | 0-200    | 0-1400 |
| PG-300SD25 | 2.5       | 0-300    | 0-2100 |

## 1/4 NPT STEM MOUNT LOW PRESSURE (INCHES W.C.)

| PART No.      | Dial Dia. | Range |                       |
|---------------|-----------|-------|-----------------------|
|               | (IN.)     | W.C.  | (OZ/in <sup>2</sup> ) |
| PG-35WCSD-2.5 | 2.5       | 0-35  | 0-20                  |

## 1/8 NPT BRASS CENTER BACK MOUNT (1.5" DIAL)

| PART No.   | Dial Dia. | Range    |       |
|------------|-----------|----------|-------|
|            | (IN.)     | (P.S.I.) | (kPa) |
| PG-30CD15  | 1.5       | 0-30     | N/A   |
| PG-60CD15  | 1.5       | 0-60     | N/A   |
| PG-100CD15 | 1.5       | 0-100    | N/A   |
| PG-160CD15 | 1.5       | 0-160    | N/A   |



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- Dry Gauge • **Steel Case** • Accuracy: 3% -2% -3% • Connection: Brass • Bourdon Tube
- Ambient-Process Temp: -40°F To +140°F, -40°C To +60°C • Meets ASME B40.100 Standards



## 1/4 NPT BRASS CENTER BACK MOUNT (2" DIAL)

| PART No.  | Dial Dia. | Range    |       |
|-----------|-----------|----------|-------|
|           | (IN.)     | (P.S.I.) | (kPa) |
| PG-30CD2  | 2         | 0-30     | N/A   |
| PG-60CD2  | 2         | 0-60     | N/A   |
| PG-100CD2 | 2         | 0-100    | N/A   |
| PG-160CD2 | 2         | 0-160    | N/A   |
| PG-200CD2 | 2         | 0-200    | N/A   |

- \* Dry Gauge • **#304 Stainless Steel Case** • Accuracy: 3% -2% -3% ANSI / ASME Grade B
- Connection: Brass • Spiral Tube • Lens Plexiglass, Watertight
- Ambient-Process Temp: -40°F To +150°F, -40°C To +65°C



## \* 1/4 NPT BRASS CENTER BACK MOUNT WATER TIGHT STAINLESS STEEL CASE (1.25" DIAL)

| PART No.    | Dial Dia. | Range    |       |
|-------------|-----------|----------|-------|
|             | (IN.)     | (P.S.I.) | (kPa) |
| PG-300CD125 | 1.25      | 0-300    | N/A   |

• Suitable for use in Marine applications.

- Dry Gauge • **Steel Case** • Accuracy: 3% -2% -3% • Connection: Brass • Bourdon Tube
- Ambient-Process Temp: -40°F To +140°F, -40°C To +60°C • Meets ASME B40.100 Standards



## VACUUM SERVICE 1/4 NPT BRASS STEM MOUNT

| PART No.    | Dial Dia. | Range   |          |
|-------------|-----------|---------|----------|
|             | (IN.)     | Vacuum  | (P.S.I.) |
| PG-30SDV2   | 2         | 30-0 hg |          |
| PG-30V30SD2 | 2         | 30-0 hg | 0-30     |



- Dry Gauge • #304 Stainless Steel Case, Brass Wetted • 1.5% Full Scale Accuracy
- Ambient-Process Temp: -58°F To + 200°F, -50°C To +93°C • Meets ASME B40.100 Standards

## The ≡QUALIZER™ Pressure Gauge Series

These gauges are dry gauges that come with a dampening movement that eliminates pointer flutter caused by vibration and pulsation. This makes pressure reading much easier. No more worries of fill fluid leaking or compatibility issues with the process media. Gauges can be easily serviced without the hassle of draining and refilling the case with fluid.

- Dampens vibration and pulsation
- Eliminates leaks and discoloration
- Can be used at higher temperatures than glycerine filled gauges
- Provides ease in reading
- Reinforced lightweight design



PG-3000ZRSD25



### 1/4 NPT BRASS STEM MOUNT (2.5" DIAL)

| PART No.     | Dial Diameter |          | Range  |  | PART No.       | Dial Diameter |          | Range   |  |
|--------------|---------------|----------|--------|--|----------------|---------------|----------|---------|--|
|              | (IN.)         | (P.S.I.) | (kPa)  |  |                | (IN.)         | (P.S.I.) | (kPa)   |  |
| PG-15ZRSD25  | 2.5           | 0-15     | 0-100  |  | PG-400ZRSD25   | 2.5           | 0-400    | 0-2800  |  |
| PG-30ZRSD25  | 2.5           | 0-30     | 0-200  |  | PG-600ZRSD25   | 2.5           | 0-600    | 0-4000  |  |
| PG-60ZRSD25  | 2.5           | 0-60     | 0-400  |  | PG-1000ZRSD25  | 2.5           | 0-1000   | 0-7000  |  |
| PG-100ZRSD25 | 2.5           | 0-100    | 0-700  |  | PG-1500ZRSD25  | 2.5           | 0-1500   | 0-10000 |  |
| PG-160ZRSD25 | 2.5           | 0-160    | 0-1100 |  | PG-2000ZRSD25  | 2.5           | 0-2000   | 0-14000 |  |
| PG-200ZRSD25 | 2.5           | 0-200    | 0-1400 |  | PG-3000ZRSD25  | 2.5           | 0-3000   | 0-21000 |  |
| PG-300ZRSD25 | 2.5           | 0-300    | 0-2100 |  | PG-5000ZRSD25  | 2.5           | 0-5000   | 0-35000 |  |
|              |               |          |        |  | PG-10000ZRSD25 | 2.5           | 0-10000  | 0-70000 |  |

### 1/4 NPT BRASS CENTER BACK MOUNT (2.5" DIAL)

| PART No.     | Dial Diameter |          | Range  |  | PART No.       | Dial Diameter |          | Range   |  |
|--------------|---------------|----------|--------|--|----------------|---------------|----------|---------|--|
|              | (IN.)         | (P.S.I.) | (kPa)  |  |                | (IN.)         | (P.S.I.) | (kPa)   |  |
| PG-15ZRCD25  | 2.5           | 0-15     | 0-100  |  | PG-400ZRCD25   | 2.5           | 0-400    | 0-2800  |  |
| PG-30ZRCD25  | 2.5           | 0-30     | 0-200  |  | PG-600ZRCD25   | 2.5           | 0-600    | 0-4000  |  |
| PG-60ZRCD25  | 2.5           | 0-60     | 0-400  |  | PG-1000ZRCD25  | 2.5           | 0-1000   | 0-7000  |  |
| PG-100ZRCD25 | 2.5           | 0-100    | 0-700  |  | PG-1500ZRCD25  | 2.5           | 0-1500   | 0-10000 |  |
| PG-160ZRCD25 | 2.5           | 0-160    | 0-1100 |  | PG-2000ZRCD25  | 2.5           | 0-2000   | 0-14000 |  |
| PG-200ZRCD25 | 2.5           | 0-200    | 0-1400 |  | PG-3000ZRCD25  | 2.5           | 0-3000   | 0-21000 |  |
| PG-300ZRCD25 | 2.5           | 0-300    | 0-2100 |  | PG-5000ZRCD25  | 2.5           | 0-5000   | 0-35000 |  |
|              |               |          |        |  | PG-10000ZRCD25 | 2.5           | 0-10000  | 0-70000 |  |

### 1/4 NPT BRASS STEM MOUNT (4" DIAL)

| PART No.    | Dial Diameter |          | Range  |  | PART No.      | Dial Diameter |          | Range   |  |
|-------------|---------------|----------|--------|--|---------------|---------------|----------|---------|--|
|             | (IN.)         | (P.S.I.) | (kPa)  |  |               | (IN.)         | (P.S.I.) | (kPa)   |  |
| PG-15ZRSD4  | 4             | 0-15     | 0-100  |  | PG-400ZRSD4   | 4             | 0-400    | 0-2800  |  |
| PG-30ZRSD4  | 4             | 0-30     | 0-200  |  | PG-600ZRSD4   | 4             | 0-600    | 0-4000  |  |
| PG-60ZRSD4  | 4             | 0-60     | 0-400  |  | PG-1000ZRSD4  | 4             | 0-1000   | 0-7000  |  |
| PG-100ZRSD4 | 4             | 0-100    | 0-700  |  | PG-1500ZRSD4  | 4             | 0-1500   | 0-10000 |  |
| PG-160ZRSD4 | 4             | 0-160    | 0-1100 |  | PG-2000ZRSD4  | 4             | 0-2000   | 0-14000 |  |
| PG-200ZRSD4 | 4             | 0-200    | 0-1400 |  | PG-3000ZRSD4  | 4             | 0-3000   | 0-21000 |  |
| PG-300ZRSD4 | 4             | 0-300    | 0-2100 |  | PG-5000ZRSD4  | 4             | 0-5000   | 0-35000 |  |
|             |               |          |        |  | PG-10000ZRSD4 | 4             | 0-10000  | 0-70000 |  |

1/4 NPT Brass Center Back mount (4" Dial), Panel Mount and Factory Installed Flanges Also Available on Request

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- Dry Gauge • **All Stainless Steel** • Accuracy:  $\pm 1\%$  ANSI/ASME Grade 1A • Connection: Stainless
- Bourdon Tube • Ambient-Process Temp:  $-58^{\circ}\text{F}$  To  $+ 200^{\circ}\text{F}$ ,  $-50^{\circ}\text{C}$  To  $+93^{\circ}\text{C}$

## PREMIUM STAINLESS STEEL EQUALIZER™ GAUGE



### Description & Features:

- Dampened movement minimizes effects of pulsation and vibration without liquid filling
- Restricted orifice standard on dual scale (optional on single scale)
- Stainless steel case
- 316 SS wetted parts
- Back, bottom, or panel mounted
- CRN registered

### Applications:

- Ideally suited for process, chemical and petroleum industry
- Where chemical compatibility and contamination is a concern

### Specifications:

**Dial** 4" ( 100mm) white aluminum with black and red markings (2-1/2" dial available on request)

**Case** AISI 304 SS (dry)

**Lens** Polycarbonate

**Ring** AISI 304 SS bayonet

**Socket** 316 SS

**Bourdon Tube** 316 SS

**Movement** 304 SS, dampened

**Pointer** Aluminum, anodized black, micrometer adjustable

### Over-Pressure Limit

25% for pressures up to 1,450 psi (9,998 kPa),  
15% for pressures over 1,500, psi (10,342 kPa)

**Socket Gasket** 2.5" (63mm): Buna N for two-piece internal socket seal

**Fill Plug** Buna N

**Lens Ring Gasket** Silicone rubber

**Ambient/Process Temperature**  
 $-58^{\circ}\text{F}$  To  $+ 200^{\circ}\text{F}$ ,  $-50^{\circ}\text{C}$  To  $+93^{\circ}\text{C}$

### Working Pressure:

Maximum 75% of full scale value Accuracy

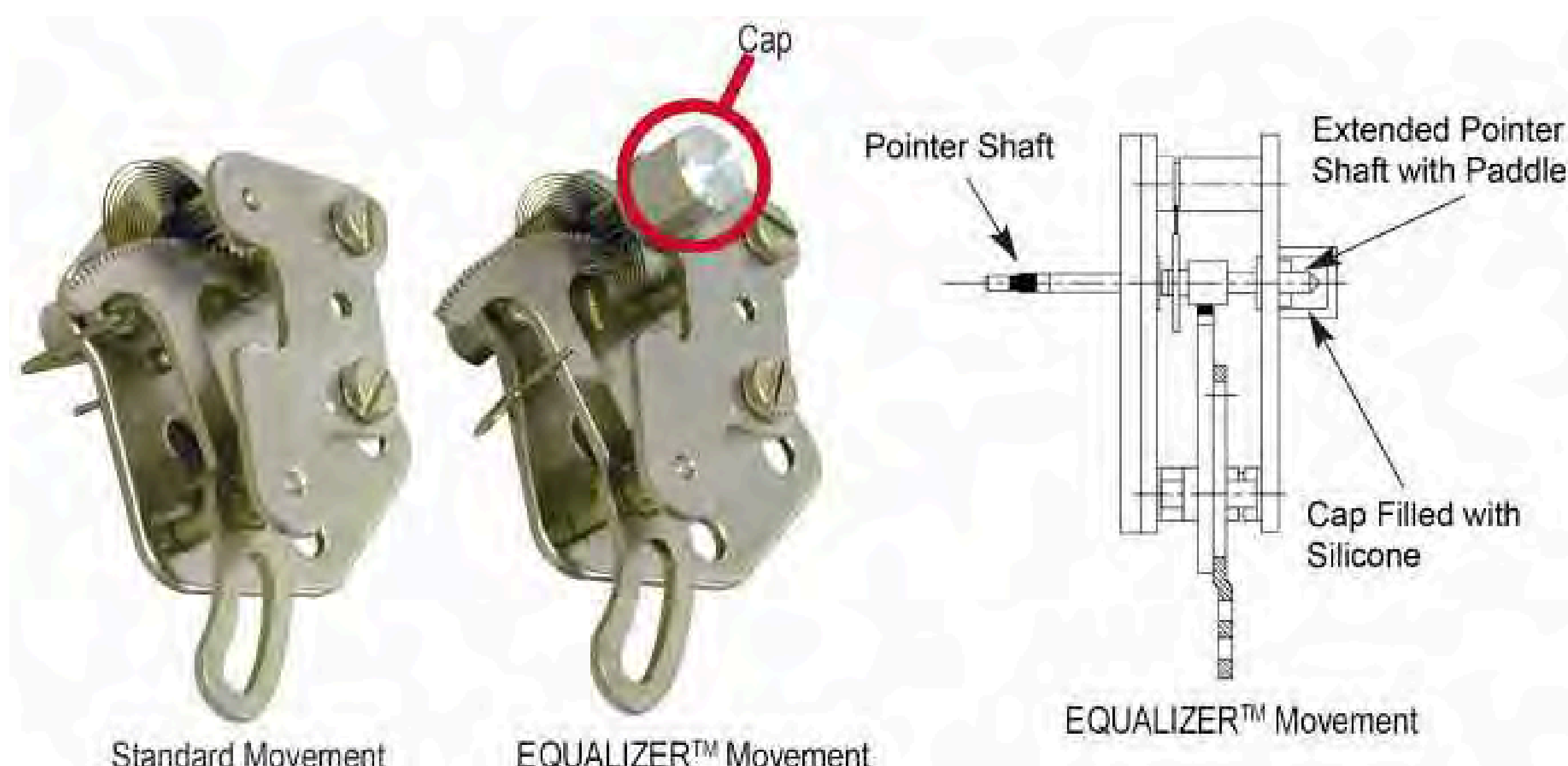
### Accuracy:

4" (100mm):  $\pm 1\%$  ANSI/ASME Grade 1A

## 1/4 NPT STAINLESS STEEM MOUNT (4" DIAL)

| PART No.        | Dial Dia. | Range    |          |
|-----------------|-----------|----------|----------|
|                 | (IN.)     | (P.S.I.) | (kPa)    |
| PG-30ZRSD4SS    | 4         | 0-30     | 0-200    |
| PG-60ZRSD4SS    | 4         | 0-60     | 0-400    |
| PG-100ZRSD4SS   | 4         | 0-100    | 0-700    |
| PG-160ZRSD4SS   | 4         | 0-160    | 0-1100   |
| PG-200ZRSD4SS   | 4         | 0-200    | 0-1400   |
| PG-300ZRSD4SS   | 4         | 0-300    | 0-2100   |
| PG-600ZRSD4SS   | 4         | 0-600    | 0-4200   |
| PG-1000ZRSD4SS  | 4         | 0-1000   | 0-7000   |
| PG-1500ZRSD4SS  | 4         | 0-1500   | 0-10000  |
| PG-2000ZRSD4SS  | 4         | 0-2000   | 0-14000  |
| PG-3000ZRSD4SS  | 4         | 0-3000   | 0-21000  |
| PG-5000ZRSD4SS  | 4         | 0-5000   | 0-35000  |
| PG-10000ZRSD4SS | 4         | 0-10000  | 0-70000  |
| PG-15000ZRSD4SS | 4         | 0-15000  | 0-100000 |

- 1/2" Stem mount available: see (-D) next page.



The pressure dampening mechanism of the Equalizer Gauge provides the reliability and accuracy of a liquid gauge without the risk of fogging, discoloring or cold weather gelling.



- Dry Gauge • All Stainless Steel • 1.5% Full Scale Accuracy
- Ambient-Process Temp: -58°F To + 200°F, -50°C To +93°C • Meets ASME B40.100 Standards



## 1/2 NPT STAINLESS STEM MOUNT (4" DIAL)

| PART No.        | Dial  |          | Range  |                   | PART No. | Dial     |          | Range |  |
|-----------------|-------|----------|--------|-------------------|----------|----------|----------|-------|--|
|                 | (IN.) | (P.S.I.) | (kPa)  | (IN.)             |          | (P.S.I.) | (kPa)    |       |  |
| PG-30ZRSD4SS-D  | 4     | 0-30     | 0-200  | PG-1000ZRSD4SS-D  | 4        | 0-1000   | 0-7000   |       |  |
| PG-60ZRSD4SS-D  | 4     | 0-60     | 0-400  | PG-1500ZRSD4SS-D  | 4        | 0-1500   | 0-10000  |       |  |
| PG-100ZRSD4SS-D | 4     | 0-100    | 0-700  | PG-2000ZRSD4SS-D  | 4        | 0-2000   | 0-14000  |       |  |
| PG-160ZRSD4SS-D | 4     | 0-160    | 0-1100 | PG-3000ZRSD4SS-D  | 4        | 0-3000   | 0-21000  |       |  |
| PG-200ZRSD4SS-D | 4     | 0-200    | 0-1400 | PG-5000ZRSD4SS-D  | 4        | 0-5000   | 0-35000  |       |  |
| PG-300ZRSD4SS-D | 4     | 0-300    | 0-2100 | PG-10000ZRSD4SS-D | 4        | 0-10000  | 0-70000  |       |  |
| PG-600ZRSD4SS-D | 4     | 0-600    | 0-4200 | PG-15000ZRSD4SS-D | 4        | 0-15000  | 0-100000 |       |  |

1/2 NPT STAINLESS BACK MOUNT (4" DIAL) ALSO AVAILABLE



## 1/4 NPT STAINLESS STEM MOUNT (2.5" DIAL)

| PART No.       | Dial  |          | Range  |                  | PART No. | Dial     |          | Range |  |
|----------------|-------|----------|--------|------------------|----------|----------|----------|-------|--|
|                | (IN.) | (P.S.I.) | (kPa)  | (IN.)            |          | (P.S.I.) | (kPa)    |       |  |
| PG-15ZRSD25SS  | 2.5   | 0-15     | 0-100  | PG-600ZRSD25SS   | 2.5      | 0-600    | 0-4000   |       |  |
| PG-30ZRSD25SS  | 2.5   | 0-30     | 0-200  | PG-1000ZRSD25SS  | 2.5      | 0-1000   | 0-7000   |       |  |
| PG-60ZRSD25SS  | 2.5   | 0-60     | 0-400  | PG-1500ZRSD25SS  | 2.5      | 0-1500   | 0-10000  |       |  |
| PG-100ZRSD25SS | 2.5   | 0-100    | 0-700  | PG-2000ZRSD25SS  | 2.5      | 0-2000   | 0-14000  |       |  |
| PG-160ZRSD25SS | 2.5   | 0-160    | 0-1100 | PG-3000ZRSD25SS  | 2.5      | 0-3000   | 0-21000  |       |  |
| PG-200ZRSD25SS | 2.5   | 0-200    | 0-1400 | PG-5000ZRSD25SS  | 2.5      | 0-5000   | 0-35000  |       |  |
| PG-300ZRSD25SS | 2.5   | 0-300    | 0-2100 | PG-10000ZRSD25SS | 2.5      | 0-10000  | 0-70000  |       |  |
| PG-400ZRSD25SS | 2.5   | 0-400    | 0-2800 | PG-15000ZRSD25SS | 2.5      | 0-15000  | 0-100000 |       |  |

## 1/4 NPT STAINLESS CENTER BACK MOUNT (2.5" DIAL)

| PART No.       | Dial  |          | Range  |                  | PART No. | Dial     |         | Range |  |
|----------------|-------|----------|--------|------------------|----------|----------|---------|-------|--|
|                | (IN.) | (P.S.I.) | (kPa)  | (IN.)            |          | (P.S.I.) | (kPa)   |       |  |
| PG-15ZRCD25SS  | 2.5   | 0-15     | 0-100  | PG-400ZRCD25SS   | 2.5      | 0-400    | 0-2800  |       |  |
| PG-30ZRCD25SS  | 2.5   | 0-30     | 0-200  | PG-600ZRCD25SS   | 2.5      | 0-600    | 0-4000  |       |  |
| PG-60ZRCD25SS  | 2.5   | 0-60     | 0-400  | PG-1000ZRCD25SS  | 2.5      | 0-1000   | 0-7000  |       |  |
| PG-160ZRCD25SS | 2.5   | 0-160    | 0-1100 | PG-1500ZRCD25SS  | 2.5      | 0-1500   | 0-10000 |       |  |
| PG-200ZRCD25SS | 2.5   | 0-200    | 0-1400 | PG-2000ZRCD25SS  | 2.5      | 0-2000   | 0-14000 |       |  |
| PG-300ZRCD25SS | 2.5   | 0-300    | 0-2100 | PG-3000ZRCD25SS  | 2.5      | 0-3000   | 0-21000 |       |  |
|                |       |          |        | PG-5000ZRCD25SS  | 2.5      | 0-5000   | 0-35000 |       |  |
|                |       |          |        | PG-10000ZRCD25SS | 2.5      | 0-10000  | 0-70000 |       |  |





- Dry Gauge • #304 Stainless Steel Case • 1.5% Full Scale Accuracy
- Operating Temperature: - 40°F To + 392°F, -40°C To +200°C • Meets ASME B40.100 Standards
- Bourdon Tube #316 SS



## TELL TALE 1/4 NPT STAINLESS STEEL STEM MOUNT (2.5" DIAL)

| PART No.          | Dial           | Range    |        |
|-------------------|----------------|----------|--------|
|                   | Diameter (IN.) | (P.S.I.) | (kPa)  |
| PG-160SD25SS-MINP | 2.5            | 0-160    | 0-1100 |

### How does the Accutek® “Tell-Tale” Pressure Gauge work?

It's simple. Place an Accutek® “Tell-Tale” Pressure Gauge directly in the gauge port or after a regulator, before an appliance or even after teeing off the main supply line to ensure that your customers are getting the correct amount of pressure at each junction. Without picking up a tool, you can find out if there is a problem with the pressure supply by simply reading the difference between gauge needles.

## TRIDICATOR 1/4 NPT CENTER BACK MOUNT (2.5" DIAL)

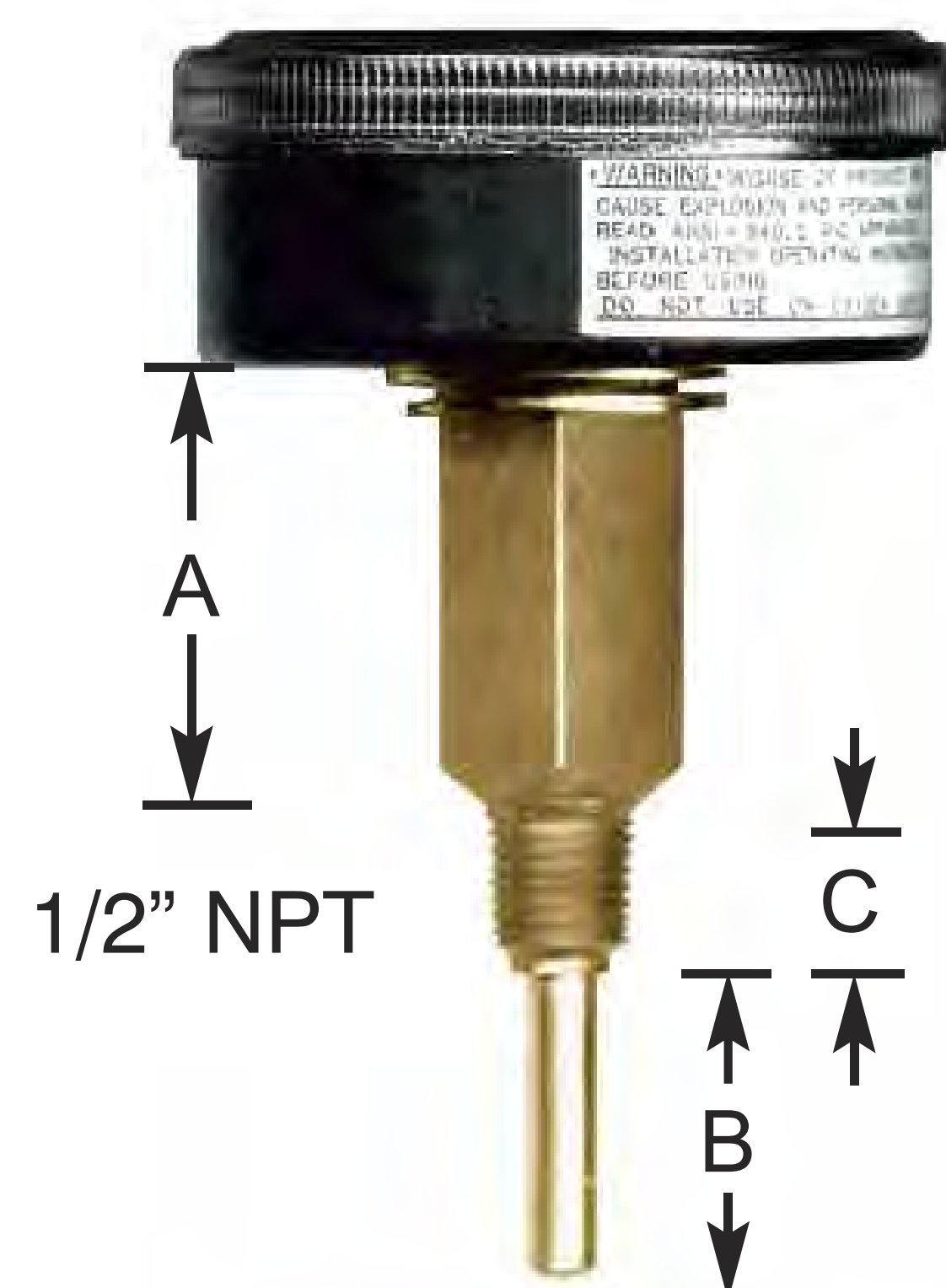
- Dry Gauge • Steel Case • Accuracy: 3% -2% -3%
- Connection: Brass • Bourdon Tube • Screw-on Plastic Face



| PART No.          | Dial Diameter | Probe Length |       |       | Range (P.S.I.) | (kPa) |
|-------------------|---------------|--------------|-------|-------|----------------|-------|
|                   |               | “A”          | “B”   | “C”   |                |       |
| PG-75/320TR25     | 2.5"          | 0.37"        | 1.62" | 0.50" | 0-75           | 0-500 |
| PG-75/320TR25-1   | 2.5"          | 1.43"        | 1.00" | 0.50" | 0-75           | 0-500 |
| PG-75/320TR25-1.6 | 2.5"          | 1.43"        | 1.62" | 0.50" | 0-75           | 0-500 |

Operating Temperature: +60°F to +320°F, +16°C to +160°C

## TRIDICATOR 1/2 NPT CENTER BACK MOUNT (3.5" DIAL)



| PART No.         | Dial Diameter | Probe Length |       |       | Range (P.S.I.) | Ft. H <sub>2</sub> O |
|------------------|---------------|--------------|-------|-------|----------------|----------------------|
|                  |               | “A”          | “B”   | “C”   |                |                      |
| PG-55/250CTR35-D | 3.5"          | 1.14"        | 2.95" | 0.91" | 0-55           | 0-130                |

Operating Temperature: +70°F to +250°F, +21°C to +121°C  
**Steel Rimmed ABS** • Other Temperature Ranges Available.



- Digital Gauge • Case Material ABS, Rubber Boot Silicone rubber • Accuracy  $\pm 1\%$  ( $\pm 0.5\%$  optional for gauges up to 5,000 psi) • Operating / Storage Temperature 14°F to 122°F (-10°C to 50°C) • ASME B40.100 compliant



PG-160DS25

**Description & Features:**

- Simple 2 button operation
- Reset to zero feature
- Back light turns on when on/off button is pressed
- Option for display to remain continuously on
- Continuous peak pressure indication option
- 316L welded diaphragm seal
- Rubber boot is standard
- ASME B40.100 compliant
- $\pm 1\%$  accuracy ( $\pm 0.5\%$  optional for gauges up to 5,000 psi)
- 1 year warranty

**Applications:**

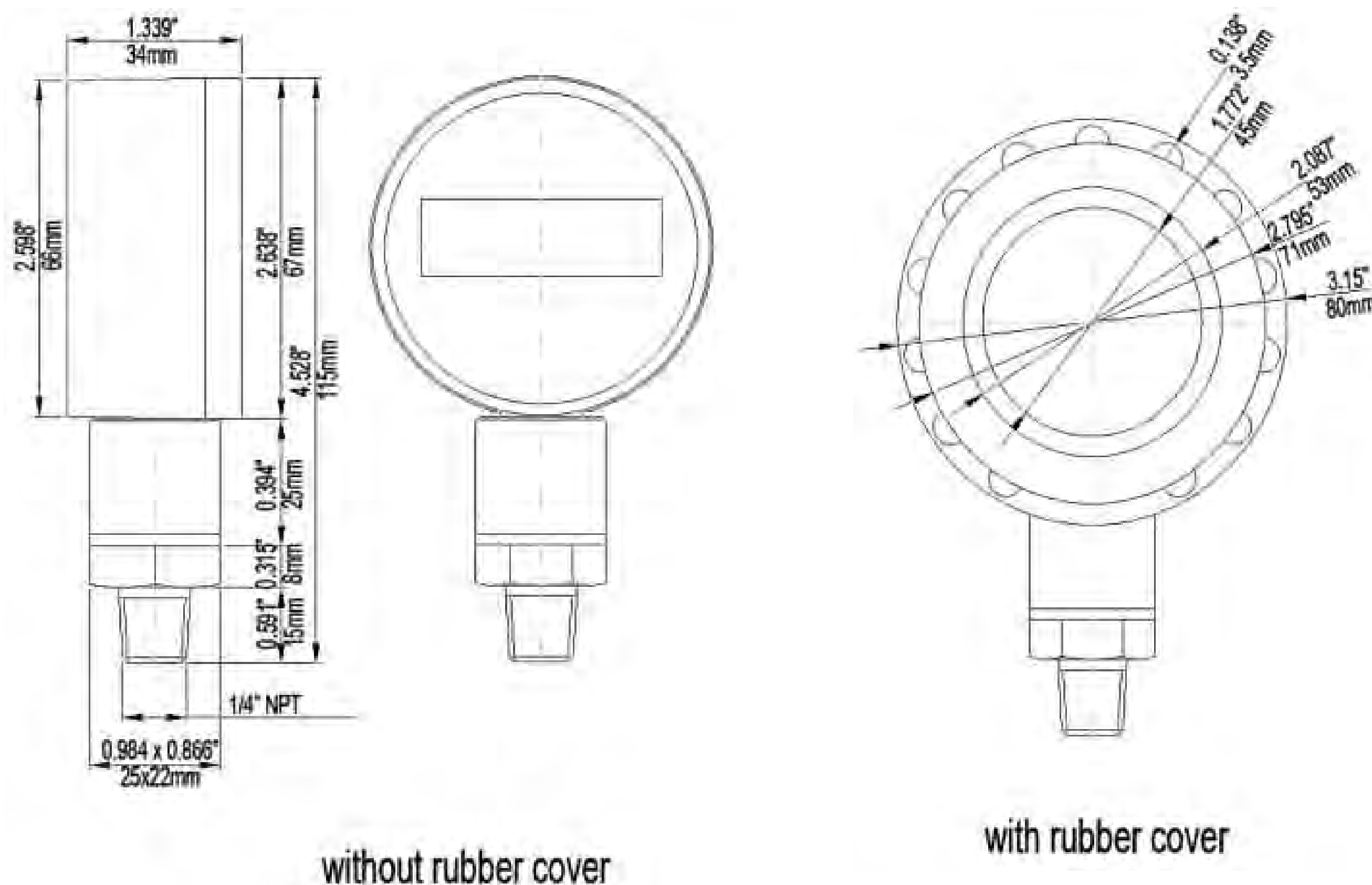
- Ideal for commercial and industrial application in both test measurement and general purpose installations.

**Specifications**

- Case Size** 2.5" (63mm)
- Case Material** ABS
- Rubber Boot** Silicone rubber
- LCD Display** 2" x 3/4" (48mm x 16mm)
- Connection** 1/4" NPT 304SS
- Sensor** 316L welded, Piezo
- Operating Life** 1 million cycles
- Power Supply** 2 x AAA battery (1.5V)
- Battery Life** 2 yrs (auto shut-off mode)
- Power Mode** Auto or manual shut-off
- Display Digits** 4 digits to 5,000 psi  
5 digits for 10,000 psi and 15,000 psi
- Pressure Unit Selection** psi, mH2O, mmHg, mbar, kPa  
ranges  $\leq 100$  psi  
psi, bar, kg/cm<sup>2</sup>, MPa, atm ranges  $\geq 160$  psi
- Response Time**  $\leq 3$  Hz display refresh rate
- Proof / Burst Pressure** 200% / 300% FS
- Operating / Storage Temperature**  
14°F to 122°F (-10°C to 50°C)  
-4°F to 167°F (-20°C to 75°C)
- Accuracy**  $\pm 1\%$  ( $\pm 0.5\%$  optional for gauges up to 5,000 psi)
- Enclosure Rating** IP60

## 1/4 NPT STAINLESS STEAM MOUNT (2.5" DIAL)

| PART No.   | Description    | PART No.    | Description | Option suffix:                                                                                                                                         |
|------------|----------------|-------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| PG-30DSV25 | 30/0 Hg Vacuum | PG-60DS25   | 0/60 psi    | <b>-5 = <math>\pm 0.5\%</math> Accuracy</b><br>(available on gauges up to 5,000 psi)<br><br>• Other configurations / psi options available on request. |
|            |                | PG-100DS25  | 0/100 psi   |                                                                                                                                                        |
|            |                | PG-160DS25  | 0/160 psi   |                                                                                                                                                        |
|            |                | PG-200DS25  | 0/200 psi   |                                                                                                                                                        |
|            |                | PG-300DS25  | 0/300 psi   |                                                                                                                                                        |
|            |                | PG-600DS25  | 0/600 psi   |                                                                                                                                                        |
|            |                | PG-1000DS25 | 0/1,000 psi |                                                                                                                                                        |
|            |                | PG-1500DS25 | 0/1,500 psi |                                                                                                                                                        |
|            |                | PG-2000DS25 | 0/2,000 psi |                                                                                                                                                        |



Display Rack See Page 272

H



## 1/2 NPT TAMPER PROOF (With Recalibration Screw)



**ADJ**  
Adjustable  
Angle



**CBM**  
Center  
Back  
Mount

- 304 Stainless Steel hermetically sealed thermometer.
- External recalibration screw.
- Welded stem.
- 1/2 NPT standard connection.
- Anti parallax dial to reduce reading errors.
- Dual scale (°F & °C).
- Back, bottom or adjustable angle connections.
- ±1% accuracy.
- ASME B40.200 compliant.

### Applications:

- Suitable for HVAC, industrial, process and waste-water applications.

CBM - Fixed Centre Back Mount  
ADJ - Adjustable Angle



| PART No.         | Temperature Range            | Dial Dia. (IN.) | Stem (IN.) | Style |
|------------------|------------------------------|-----------------|------------|-------|
| TH-250SS25C3-D   | 0°F To 250°F; -20°C To 120°C | 3               | 2.5        | CBM   |
| TH-250SS25ADJ3-D | 0°F To 250°F; -20°C To 120°C | 3               | 2.5        | ADJ   |
| TH-400SS25C3-D   | 50°F To 400°F; 10°C To 200°C | 3               | 2.5        | CBM   |
| TH-500SS25C3-D   | 50°F To 500°F; 10°C To 260°C | 3               | 2.5        | CBM   |
| TH-250SS4ADJ3-D  | 0°F To 250°F; -20°C To 120°C | 3               | 4          | ADJ   |
| TH-500SS4C3-D    | 50°F To 500°F; 10°C To 260°C | 3               | 4          | CBM   |
| TH-250SS6ADJ3-D  | 0°F To 250°F; -20°C To 120°C | 3               | 6          | ADJ   |
| TH-500SS6C3-D    | 50°F To 500°F; 10°C To 260°C | 3               | 6          | CBM   |
| TH-250SS25ADJ5-D | 0°F To 250°F; -20°C To 120°C | 5               | 2.5        | ADJ   |

## INDUSTRIAL THERMOWELL

### DESCRIPTION & FEATURES:

- Available in a wide range of materials for use on most applications.
- Standard “stepped construction” offering is complemented by an array of custom thermowells including: straight, tapered, sanitary and flanged configurations
- RoHS compliant (304 SS and 316 SS thermowells only)
- CRN registered

### APPLICATIONS:

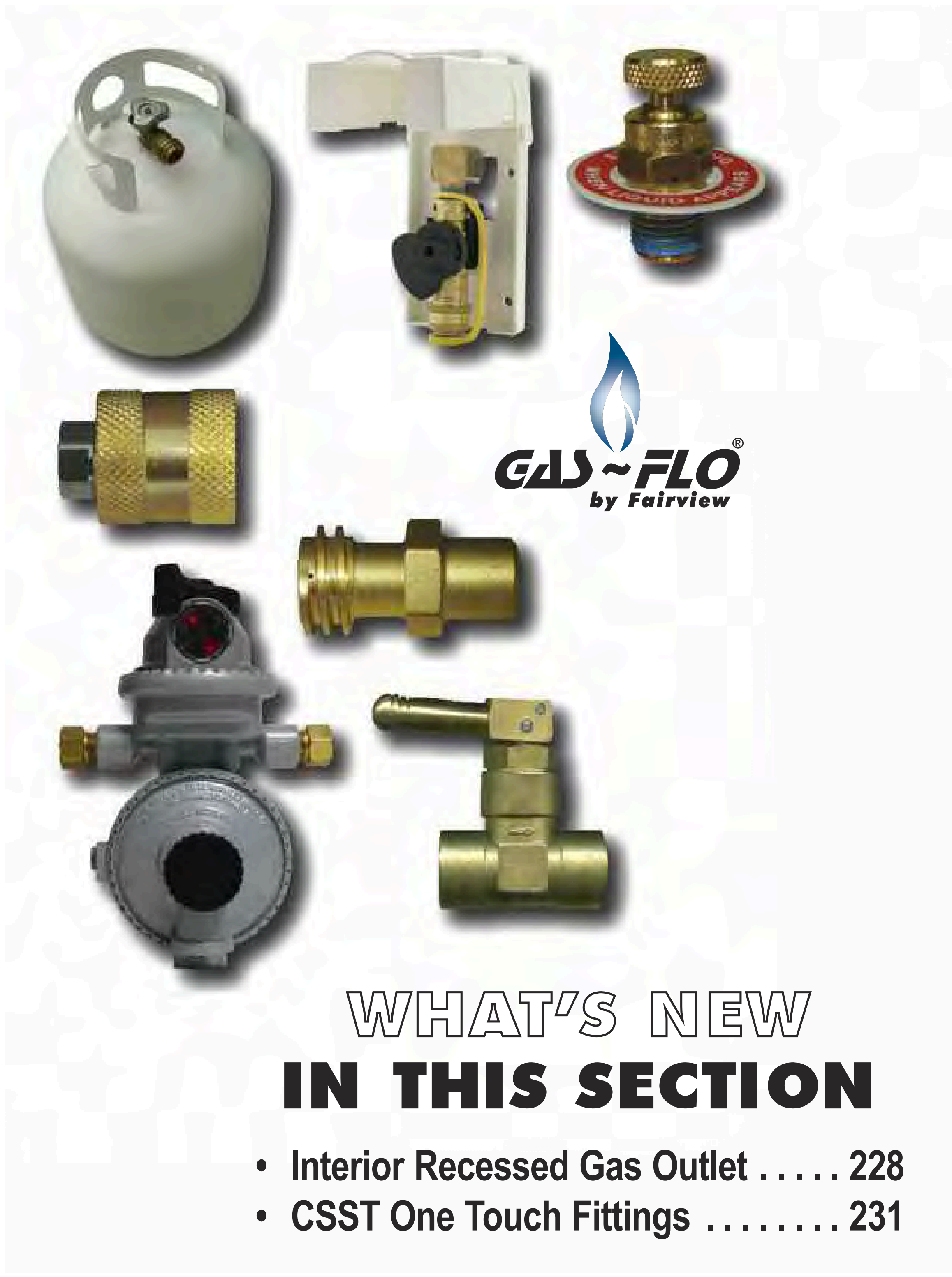
- Allows for the creation of a “sealed system”, whereby the thermometer can be removed from the application without the need for shutting down or draining the system
- To protect the thermometer from possible exposure to the process media



| PART No.   | Male Thread (NPT) | Female Thread (NPT) | For Stem (IN.) | Material |
|------------|-------------------|---------------------|----------------|----------|
| TH-TW25-DD | 1/2               | 1/2                 | 2.5            | Brass    |
| TH-TW4-ED  | 3/4               | 1/2                 | 4              | Brass    |
| TH-TW6-ED  | 3/4               | 1/2                 | 6              | Brass    |

**AISI 304 SS, AISI 316 SS available upon request.**



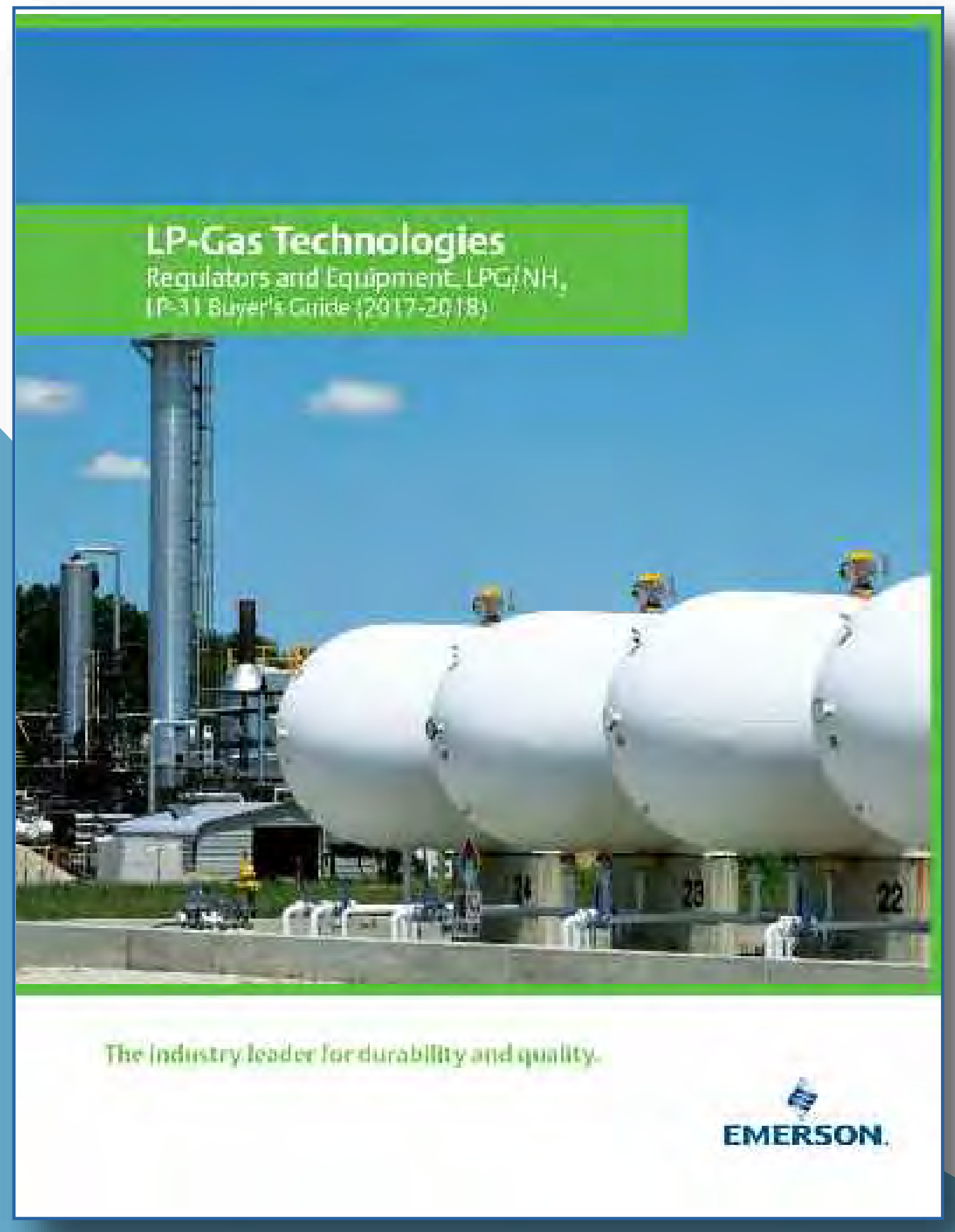


**GAS CONTROL COMPONENTS  
INDUSTRIAL - RECREATIONAL - RESIDENTIAL**

GAS-FLO CSST AND FITTINGS . . . . .230 - 233  
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**LP-GAS REGULATORS**

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**GAS-FLO**  
 Retail packaging available.



Fairview Ltd. is a proud  
 Distributor for the  
**FISHER™** brand of  
 Regulators and Products.  
 Visit our website or  
 contact us for literature



## LOW PRESSURE TWO-STAGE AUTOMATIC CHANGEOVER REGULATORS

The Fairview **X-SERIES\*** Automatic Changeover Regulator redirects LP gas vapor flow from an empty designated service cylinder to a reserve cylinder, without interruption of service. It features a green indicator dome which changes to red when the service cylinder needs to be refilled.

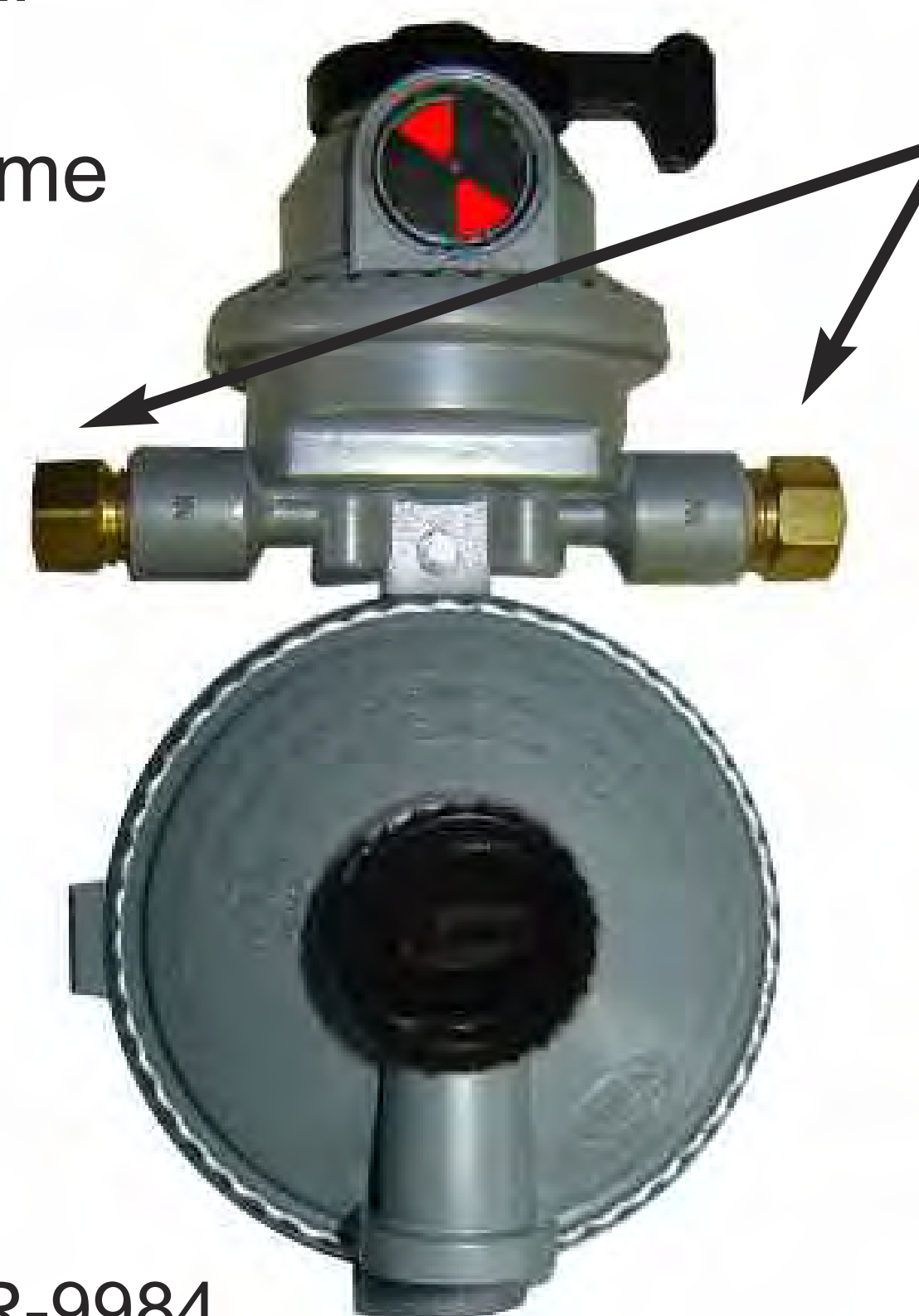
### Specifications

- Excess Flow
- Zinc Die Cast
- Molded Rubber Diaphragms
- CSA Listed to U.L. 144
- 2nd Stage Relief Mechanism Per U.L. 144
- Powder Coated

**\*Highest Flow Available in Cold Temps!**



Measures:  
7-1/8 (IN.) high.



INVERTED  
FLARE INLET  
CONNECTIONS  
WITH BACK  
CHECK VALVE



TYPE I ASSY.

GR-9984



GR-5984

| PART No.      | Inlets<br>(Back Check Incl.)                   | Outlet  | Capacity<br>BTU/Hr Propane                        |
|---------------|------------------------------------------------|---------|---------------------------------------------------|
| GR-9984       | 1/4 F. Inv. Flare                              | 3/8 FPT | Service: 345,000 BTU/Hr* Reserve: 260,000 BTU/Hr* |
| GR-9984P      | GR-9984 Retail Packaged                        |         |                                                   |
| GR-9984-U     | GR-9984 with GR-RVB Mounting Bracket           |         |                                                   |
| GR-9984-2Z    | GR-9984 with GR-900 Mounting Bracket (x2)      |         |                                                   |
| GR-9984-KIT-1 | GR-9984 with Type I QCC1 12 Inch assembly (x2) |         |                                                   |
| GR-900        | Z Mounting Bracket                             |         |                                                   |
| GR-RVB        | RV Style Mounting Bracket                      |         |                                                   |
| GR-5984       | Protective Cover                               |         |                                                   |



GR-900



GR-RVB

\*Based on 25 PSIG inlet pressure and 9" W.C. outlet pressure at Manufacturer's set point. Manufacturer's set point = 100 PSIG and 11" W.C. outlet at 40 SCFH propane.

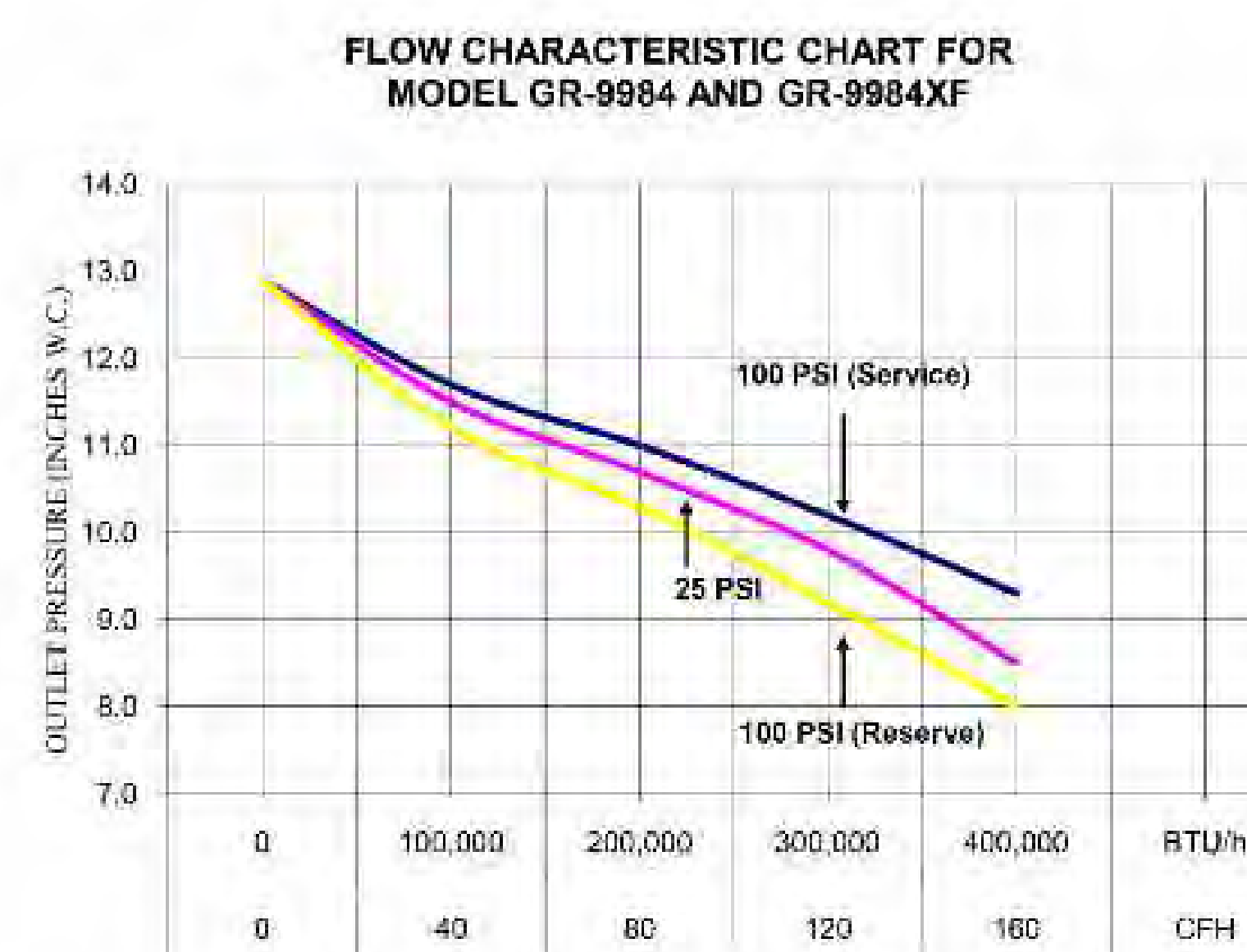
The Fairview **X-SERIES\*** Compact Automatic Changeover Regulator redirects LP gas vapor flow from an empty designated service cylinder to a reserve cylinder, without interruption of service. It features a green indicator dome which changes to red when the service cylinder needs to be refilled.

### Specifications

- Excess Flow
- Zinc Die Cast
- Molded Rubber Diaphragms
- CSA Listed to U.L. 144
- 2nd Stage Relief Mechanism Per U.L. 144
- Powder Coated



Measures  
6-1/4 (IN.) high.



GR-5994



GR-900



GR-RVB

| PART No.      | Inlets<br>(Back Check Incl.)                   | Outlet  | Capacity<br>BTU/Hr Propane                        |
|---------------|------------------------------------------------|---------|---------------------------------------------------|
| GR-9994       | 1/4 F. Inv. Flare                              | 3/8 FPT | Service: 262,500 BTU/Hr* Reserve: 210,000 BTU/Hr* |
| GR-9994-U     | GR-9994 with GR-RVB Mounting Bracket           |         |                                                   |
| GR-9994-1Z    | GR-9994 with GR-900 Mounting Bracket           |         |                                                   |
| GR-9984-KIT-1 | GR-9994 with Type I QCC1 12 Inch assembly (x2) |         |                                                   |
| GR-900        | Z Mounting Bracket                             |         |                                                   |
| GR-RVB        | RV Style Mounting Bracket                      |         |                                                   |
| GR-5994       | Protective Cover                               |         |                                                   |

\*Based on 25 PSIG inlet pressure and 9" W.C. outlet pressure at Manufacturer's set point. Manufacturer's set point = 100 PSIG and 11" W.C. outlet at 40 SCFH propane.



## LOW PRESSURE TWO-STAGE LP GAS REGULATORS

The **X-SERIES**<sup>®</sup> model GR-9950 and GR-9959 regulator combines both a high pressure first stage and a low pressure second stage regulator into a single unit. Ideally designed for RV applications, these regulators ensure a smooth and continuous flow of gas to all appliances.

**\*Highest Flow Available in Cold Temps!**

### Specifications

- Excess Flow
- Zinc Die Cast
- Molded Rubber Diaphragms
- CSA Listed to U.L. 144
- 2nd Stage Relief Mechanism Per U.L. 144
- Adjusting Screw and Dust Cap Design
- Powder Coated



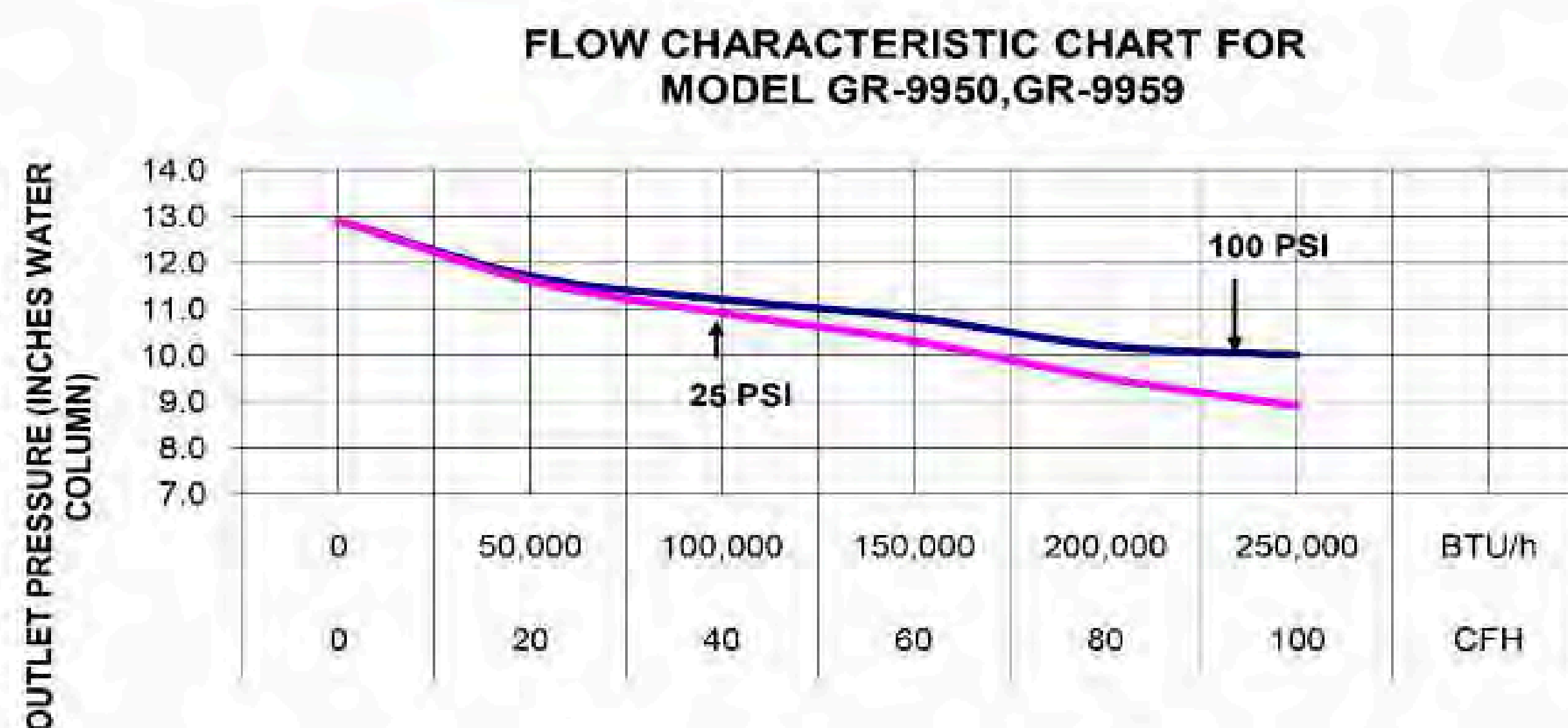
GR-9959



GR-9950

| PART No. | Inlet                                             | Outlet  | Vent Position | Capacity<br>BTU/Hr* Propane |
|----------|---------------------------------------------------|---------|---------------|-----------------------------|
| GR-9950  | 1/4 FPT                                           | 3/8 FPT | Above Outlet  | 225,000 BTU/Hr*             |
| GR-9959  |                                                   |         | 9:00 Vent     |                             |
| GR-9950P | GR-9950 complete with Retail Hanger Box Packaging |         |               |                             |
| GR-9959P | GR-9959 complete with Retail Hanger Box Packaging |         |               |                             |
| GR-9954  | GR-9959 regulator with Excess Flow P.O.L.         |         |               |                             |
| GR-9956  | GR-9950 regulator with Excess Flow P.O.L.         |         |               |                             |
| GR-9958  | GR-9950 regulator with QCC1 (1-5/16 F. Acme)      |         |               |                             |
| GR-900   | Z Mounting Bracket                                |         |               |                             |
| GR-RVB   | RV Mounting Bracket                               |         |               |                             |
| GR-5950  | Protective Cover for GR-9950                      |         |               |                             |
| GR-5959  | Protective Cover for GR-9959                      |         |               |                             |

\*Based on 25 PSIG inlet pressure and 9" W.C. outlet pressure at Manufacturer's set point. Manufacturer's set point = 100 PSIG and 11" W.C. outlet at 40 SCFH propane.



GR-900



GR-RVB



GR-5959



GR-5950



GR-9954



## LOW PRESSURE SINGLE STAGE LP GAS REGULATORS

The model GR-800 regulator incorporates a drip lip vent and is ideally suited for use with portable appliances.

### Specifications

- Zinc Die Cast
- Molded Rubber Diaphragms
- Underwriters Laboratories Listed
- Integral Pressure Relief



GR-900

GR-800



GR-866

| PART No. | Inlet                                       | Outlet  | Vent Position              | Capacity<br>BTU/Hr* Propane |
|----------|---------------------------------------------|---------|----------------------------|-----------------------------|
| GR-800   | 1/4 FPT                                     | 3/8 FPT | Drip Lip Vent Above Outlet | 175,000 BTU/Hr*             |
| GR-856   | GR-800 regulator with Hard nose P.O.L.      |         |                            |                             |
| GR-866   | GR-800 regulator with QCC1 (1-5/16 F. Acme) |         |                            |                             |
| GR-876   | GR-800 regulator with Soft nose P.O.L.      |         |                            |                             |

\*Based on 25 PSIG inlet pressure and 9" W.C. outlet pressure at Manufacturer's set point. Manufacturer's set point = 100 PSIG and 11" W.C. outlet at 50 SCFH propane.

The model GR-700B compact 90° regulator is ideally suited for outdoor gas grills. The size, shape and flow characteristics of these regulators make them the ideal choice for small portable appliances.

### Specifications

- Zinc Die Cast
- Molded Rubber Diaphragms
- Underwriters Laboratories Listed



GR-700B

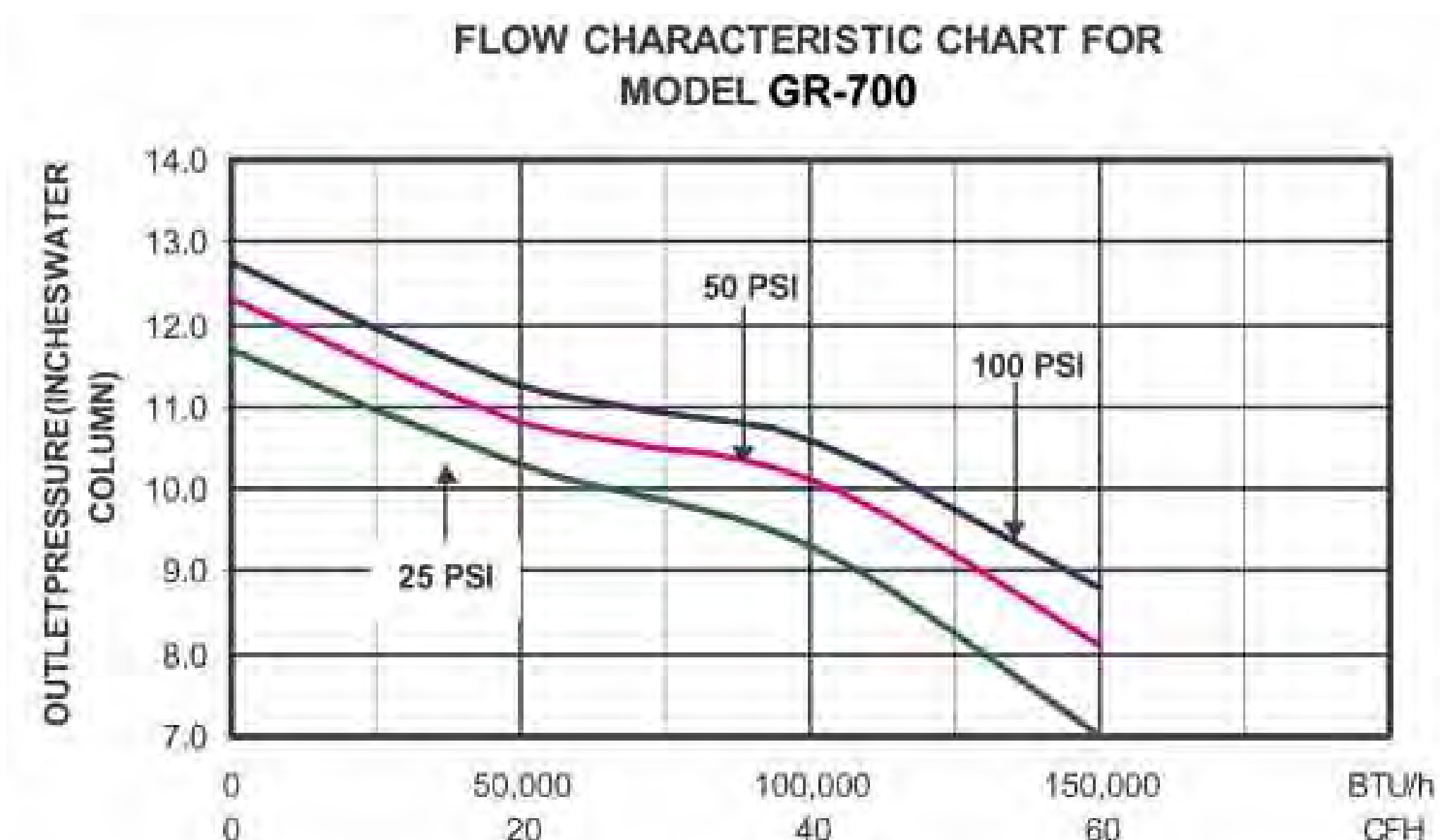


GR-766  
90° Body c/w QCC1

| PART No.   | Inlet                                        | Body      | Outlet  | Capacity<br>BTU/Hr* Propane |
|------------|----------------------------------------------|-----------|---------|-----------------------------|
| GR-700B    | 1/4 FPT                                      | 90 Degree | 3/8 FPT | 150,000                     |
| GR-756     | GR-700B regulator with Hard Nose P.O.L.      |           |         |                             |
| GR-766     | GR-700B regulator with QCC1 (1-5/16 F. Acme) |           |         |                             |
| GR-776     | GR-700B regulator with Soft nose P.O.L.      |           |         |                             |
| BB-GR-700B | GR-700B Blister Boxed                        |           |         |                             |

\*Based on 25 PSIG inlet pressure and 9" W.C. outlet pressure at Manufacturer's set point. Manufacturer's set point = 100 PSIG and 11" W.C. outlet at 40 SCFH propane.

GR-756  
90° Body c/w HN POL





## HIGH PRESSURE LP GAS REGULATORS

Ideally suited for applications where pounds instead of inches of w.c. are required. Factory pre-set from 1 - 30 PSIG. Available from stock at 15 PSIG.

GR-615B

- Gas Grills • Smokers • Fish Cookers

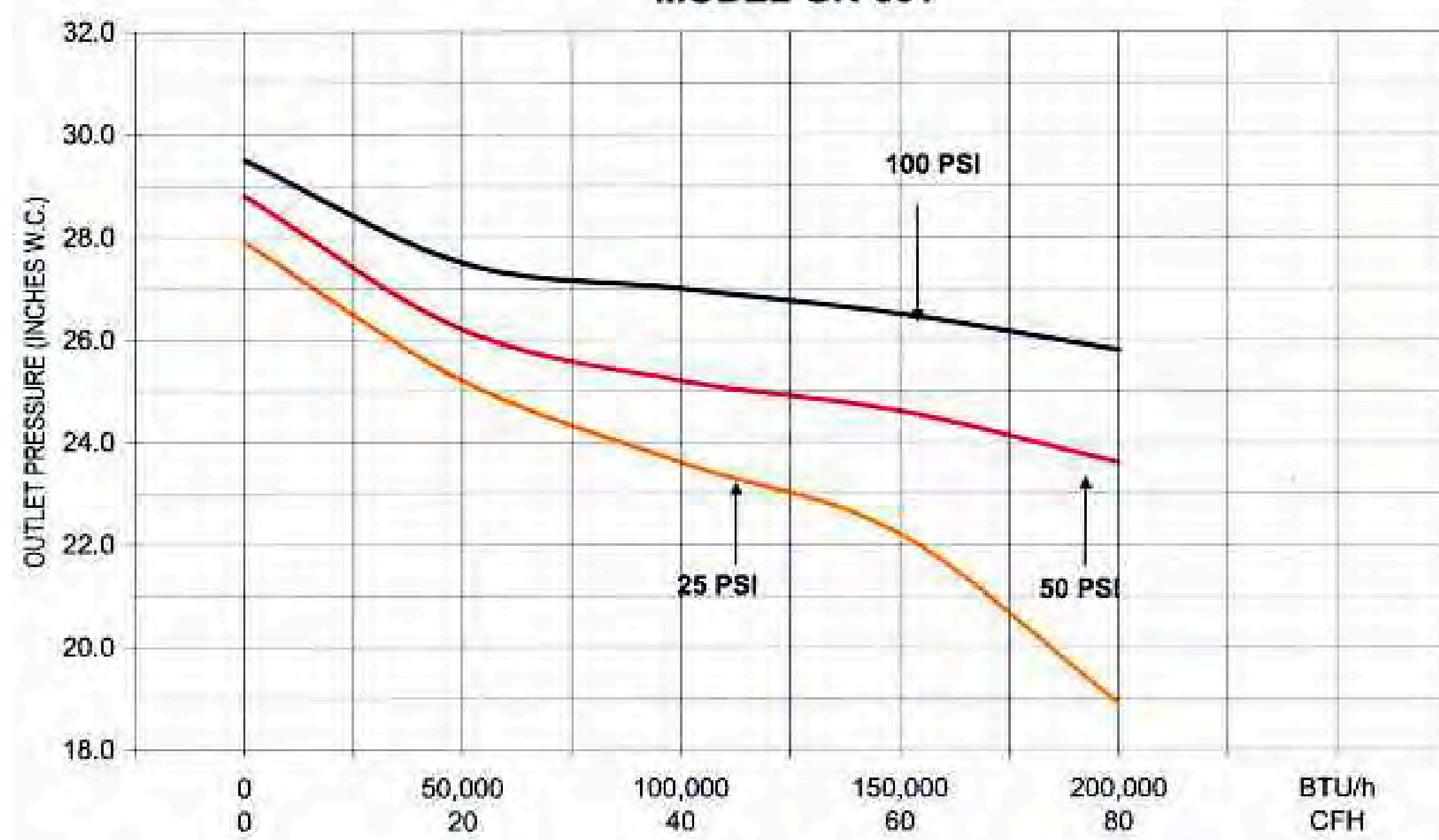
**Specifications:**

- **Inlet:** 1/4 Female Pipe Thread
- **Outlet:** 1/4 Female Pipe Thread
- UL Listed Outlet Pressures from 1 PSIG to 30 PSIG Available

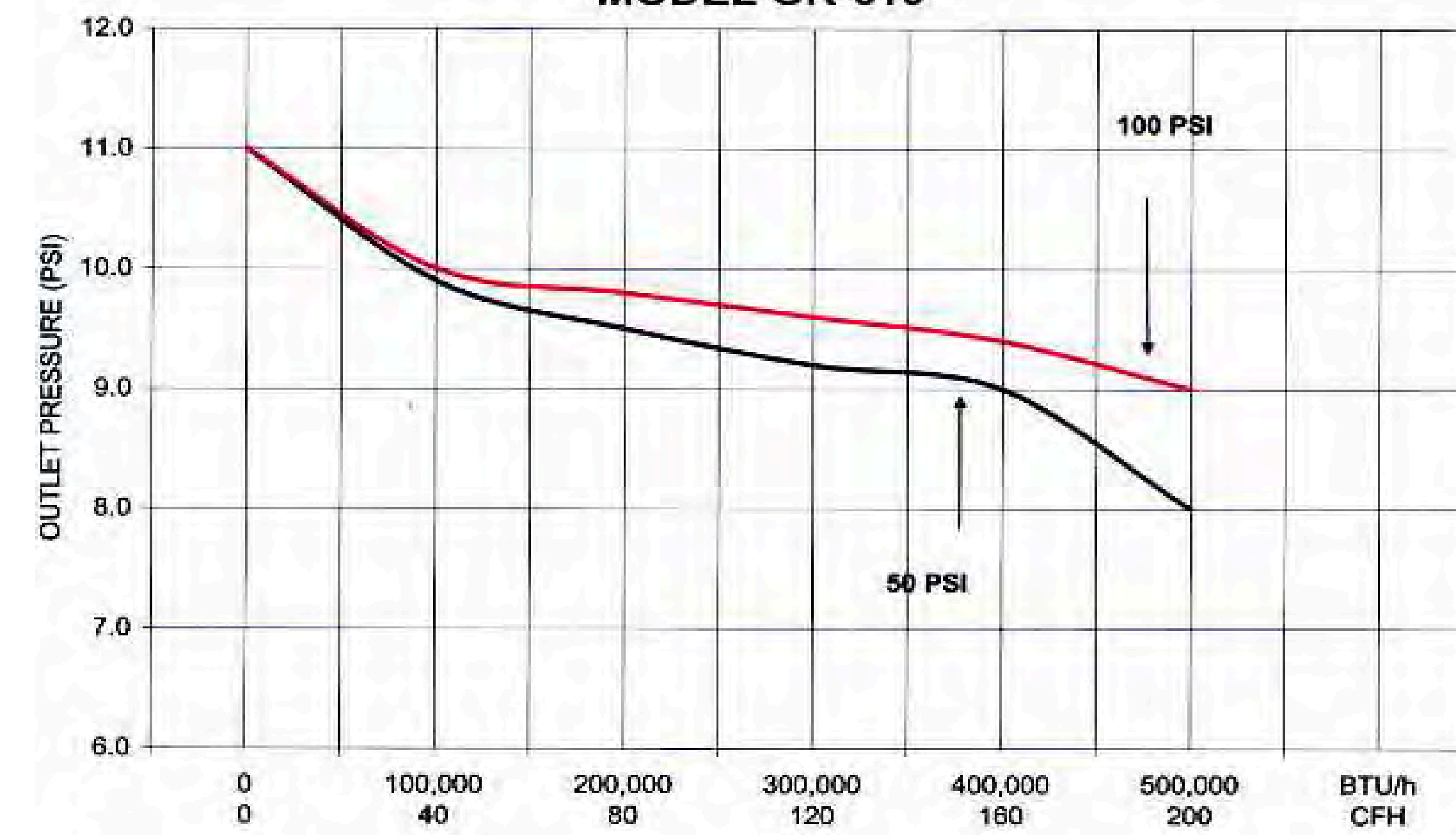


| PART No.   | Inlet Connection      | Outlet Connection | Outlet Pressure (Set Point) (PSIG) | Inlet Pressure (PSIG) | Capacity At 10% Droop From Set Point BTU/Hr |
|------------|-----------------------|-------------------|------------------------------------|-----------------------|---------------------------------------------|
| GR-610B    | 1/4<br>FPT            | 1/4<br>FPT        | 10                                 | 100                   | 500,000                                     |
| GR-615B    |                       |                   | 15                                 |                       |                                             |
| GR-630B    |                       |                   | 30                                 |                       |                                             |
| BB-GR-610B | GR-610B Blister Boxed |                   |                                    |                       |                                             |

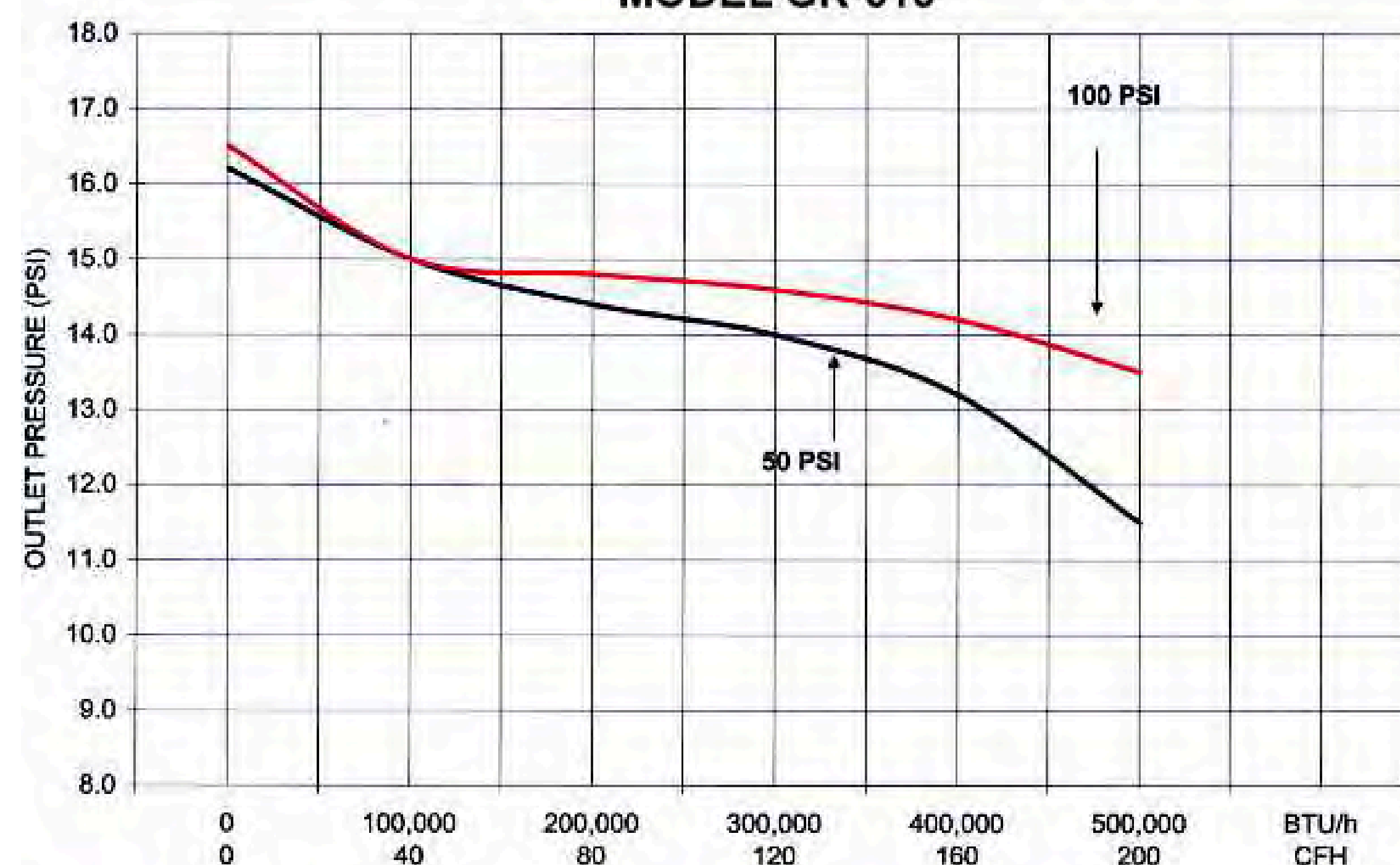
FLOW CHARACTERISTIC CHART FOR MODEL GR-601



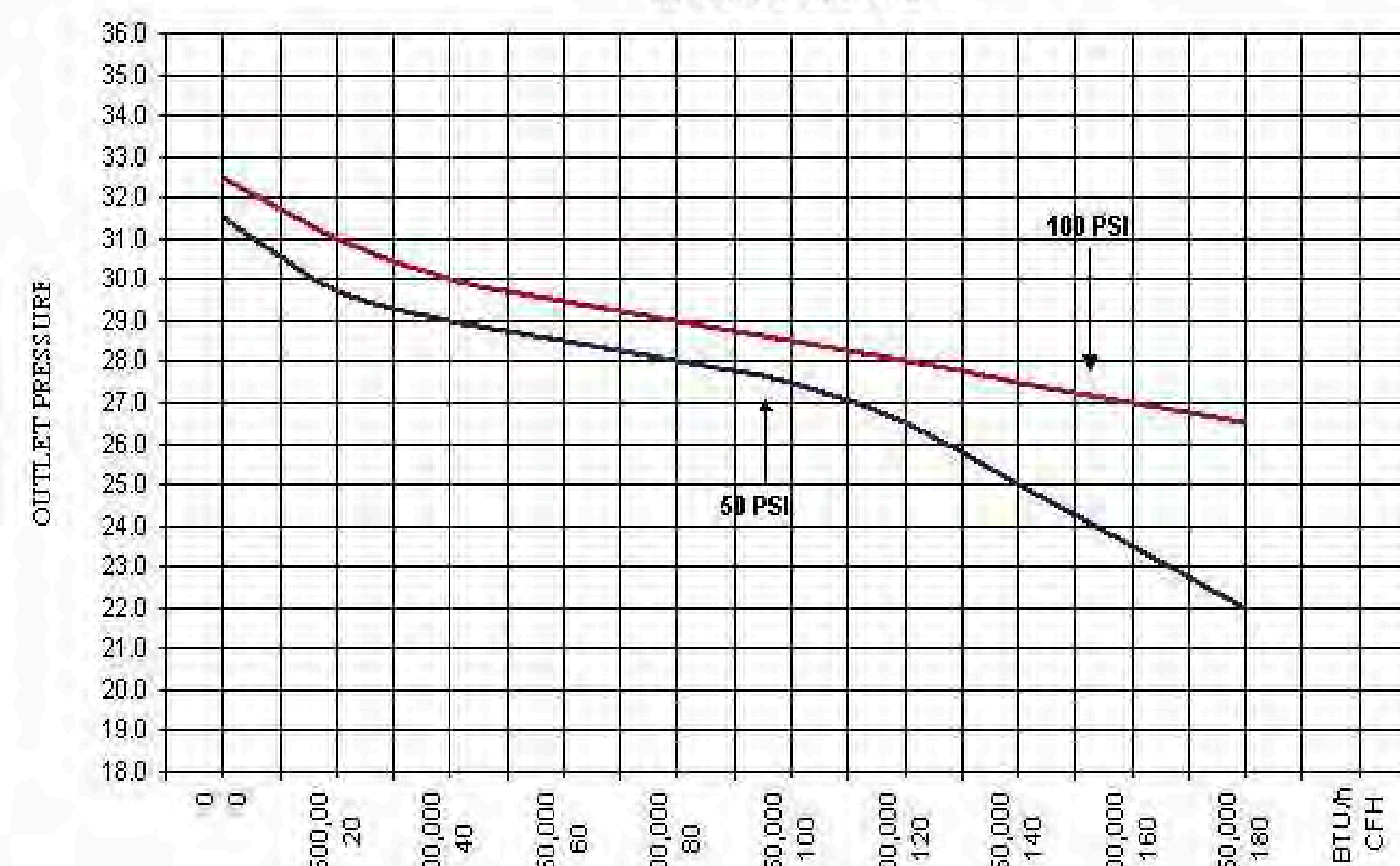
FLOW CHARACTERISTIC CHART FOR MODEL GR-610



FLOW CHARACTERISTIC CHART FOR MODEL GR-615



FLOW CHARACTERISTICS CHART FOR MODEL GR-630





## HIGH PRESSURE POUNDS-TO-POUNDS REGULATORS

Designed for cylinder systems in liquid or vapor service. Delivery pressures are adjustable from 0-30, 0-60 PSI. Ideally suited for a variety of industrial applications.

- Torches • Construction Heaters • Fish Cookers • Tar Pot Heaters • Flame Cultivators

| PART No.  | Delivery Pressure Range (PSIG)                  | Inlet / Outlet Connection | Outlet Pressure (Set Point) (PSIG) | Capacity BTU/Hr Propane |
|-----------|-------------------------------------------------|---------------------------|------------------------------------|-------------------------|
| GR-330    | 0-30                                            | 1/4 FPT                   | 30                                 | 1,500,000*              |
| GR-360    | 0-60                                            |                           | 60                                 | 2,000,000**             |
| GR-334    | GR-330 regulator with Excess Flow P.O.L.        |                           |                                    |                         |
| GR-335-HW | GR-330 regulator with Soft Nose P.O.L. and HW   |                           |                                    |                         |
| GR-338    | GR-330 regulator with Hard Nose P.O.L.          |                           |                                    |                         |
| GR-364    | GR-360 regulator with Excess Flow P.O.L.        |                           |                                    |                         |
| GR-365    | GR-360 with Hard Nose P.O.L. and 135-LB Adapter |                           |                                    |                         |
| GR-365-HW | GR-360 with Soft Nose P.O.L. and HW             |                           |                                    |                         |
| GR-368    | GR-360 regulator with Hard Nose P.O.L.          |                           |                                    |                         |

\*Based on 100 PSIG inlet pressure with 25 PSIG outlet pressure.

\*\*Based on 100 PSIG inlet pressure with 54 PSIG outlet pressure.

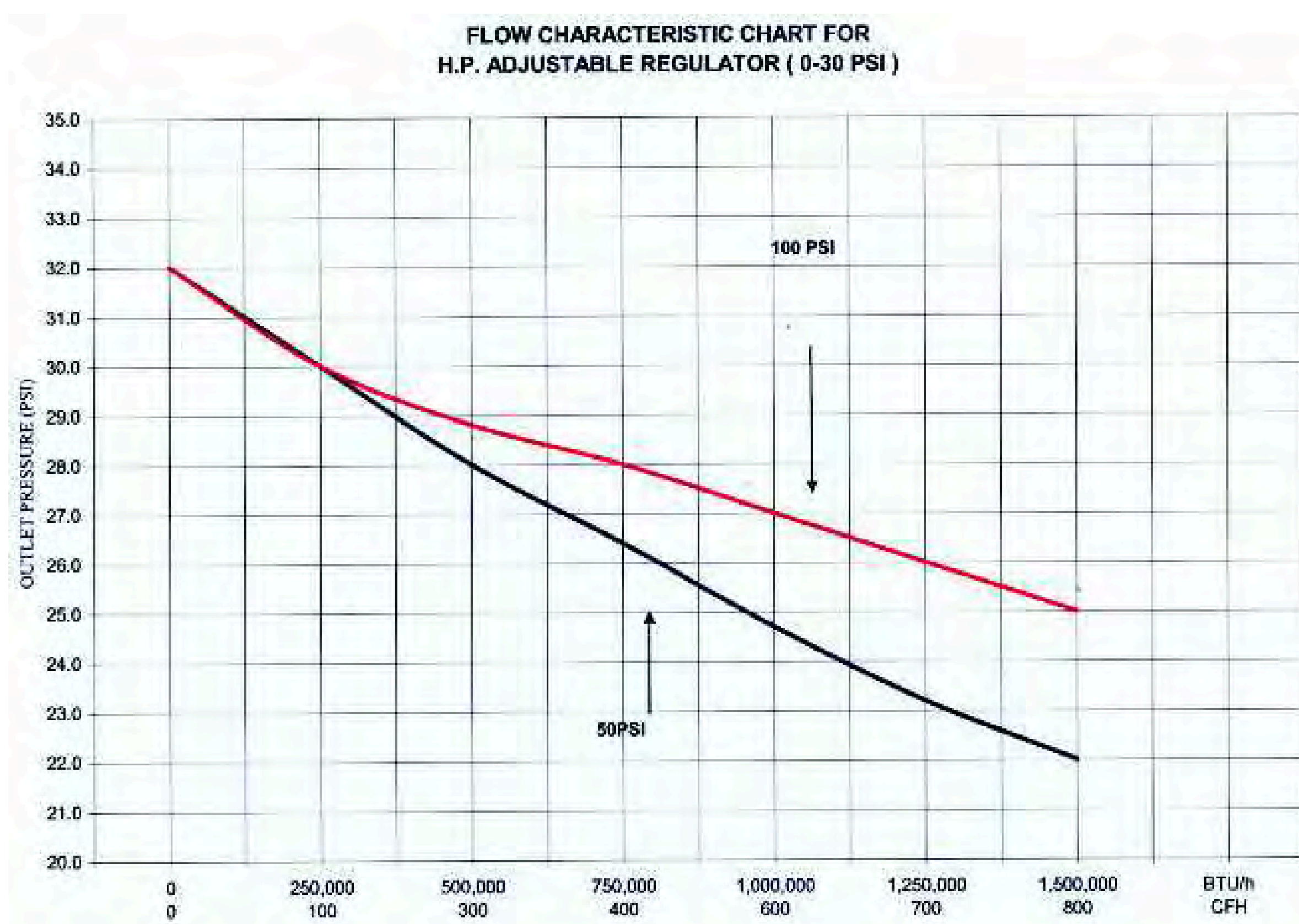


GR-330



### Specifications:

- Inlet: 1/4 Female Pipe Thread
- Outlet: 1/4 Female Pipe Thread
- Maximum Inlet Pressure: 250 PSIG
- Gauge Port: 1/4 FPT (Plugged)



## COMPACT HIGH PRESSURE POUNDS-TO-POUNDS REGULATORS

Designed for cylinder systems in liquid or vapor service. Delivery pressures are adjustable from 0-60 PSI. Ideally suited for a variety of industrial applications.

- Torches • Construction Heaters • Fish Cookers • Tar Pot Heaters • Flame Cultivators

| PART No.  | Delivery Pressure Range (PSIG)                  | Inlet / Outlet Connection | Outlet Pressure (Set Point) (PSIG) | Capacity BTU/Hr Propane |
|-----------|-------------------------------------------------|---------------------------|------------------------------------|-------------------------|
| GR-430GRY | 0-30                                            | 1/4 FPT                   | 30                                 | 1,500,000*              |
| GR-460GRY | 0-60                                            | 1/4 FPT                   | 60                                 | 2,000,000**             |
| GR-465GRY | GR-460 with Hard Nose P.O.L. and 135-LB Adapter |                           |                                    |                         |

\*Based on 100 PSIG inlet pressure with 25 PSIG outlet pressure.

\*\*Based on 100 PSIG inlet pressure with 54 PSIG outlet pressure.

**Overall Height Just 3 Inches.**



GR-465GRY



## GAS APPLIANCE REGULATOR

CSA DESIGN CERTIFIED Z21.18 - CSA 6.3 / Z21.80 - CSA 6.22

The GR-200 series regulators are intended for main burner and pilot applications and are CSA certified for both Indoor and Outdoor use (with included vent limiter). CSA Certified as both an appliance and a line regulator, the GR-200 series regulators feature an aluminum die cast body and precise regulating control.

### Specifications

- CSA Certified ANSI Z21.80 / CSA 6.22
- CSA Certified ANSI Z21.18 / CSA 6.3
- CSA Certified Indoor/Outdoor Application
- Aluminum Die Cast

Ambient  
Temp.Limits  
-40°F To +205°F  
-40°C To +96°C



### Maximum Load Capacity: For main burner and pilot applications:

- GR-207VL 65,000 Btu/Hr Natural Gas
- GR-211VL 100,000 Btu/Hr LP Gas

Gases: Natural Gas or LP Gas

| PART No. | Inlet Connection | Outlet Connection | Inlet Pressure | Outlet Pressure | Vent Limiter |
|----------|------------------|-------------------|----------------|-----------------|--------------|
| GR-207VL | 3/8 FPT          | 3/8 FPT           | 2 P.S.I.       | 7" w.c.         | Included     |
| GR-211VL | 3/8 FPT          | 3/8 FPT           | 2 P.S.I.       | 11" w.c.        | Included     |

## POPPET STYLE GAS REGULATOR

CSA DESIGN CERTIFIED Z21.18 - CSA 6.3

The MX-RV47 features a Rubber Seat Poppet Design. These compact RV poppet regulators are designed primarily for main burner and pilot load applications. Typical applications include residential and commercial cooking appliances, barbecues, hearth products, and pilot lines. Rubber seat poppet models offer the ultimate in design features and performance capabilities to meet your specific appliance or utility requirements:

- Flow Rate.....125,000 BTU
- Pipe Sizes.....1/2"
- Housing Material.....Aluminum.
- Mounting.....Suitable for multi-positional mounting.
- Other than upright position will result in a slight difference in outlet pressure.**
- Certifications.....RV Series: ANSI Z21.18/CSA 6.3 Gas Appliance Pressure Regulators.
- Gas Types (RV Series).....Suitable for natural, manufactured, mixed gases, liquefied petroleum gases, and LP gas-air mixtures.
- Maximum Inlet Pressure.....1/2 psi (3.4 kPa)
- Emergency Exposure Limits.....2.5 psi (17.2 kPa)
- Ambient Temperature Ranges.... 32° to 225°F (0° to 107°C)
- Minimum Regulation.....Suitable for pilot flow applications.

Ambient  
Temp.Limits  
-32°F To +225°F  
-0°C To +107°C



| PART No. | Inlet Connection | Outlet Connection | Inlet Pressure | Outlet Pressure | Vent Limiter |
|----------|------------------|-------------------|----------------|-----------------|--------------|
| MX-RV47L | 1/2 FPT          | 1/2 FPT           | 1/2 P.S.I.     | 7" w.c.         | Included     |





# GAS APPLIANCE AND LINE PRESSURE REGULATORS

## LEVER ACTING DESIGN GAS APPLIANCE REGULATOR

CSA DESIGN CERTIFIED Z21.18 - CSA 6.3

The MX-325 Series is a pounds to inches regulator for use on residential, commercial and industrial applications. This is a high performance type and can be used as a single stage appliance regulator - reducing pounds pressure to normal burner pressure.

**Maximum Individual Load:** Largest single appliance served by the regulator.

MX-325-3-1/2 140,000 Btu/Hr  
MX-325-5A-3/4 300,000 Btu/Hr

**Gases:** Natural or LP Gas

**Maximum Load Capacity:** Total load of all appliances combined.

MX-325-3-1/2 250,000 Btu/Hr  
MX-325-5A-3/4 425,000 Btu/Hr

**Gases:** Natural or LP Gas



MX-325-3-1/2

Ambient Temp. Limits  
-40°F To +205°F  
-40°C To +96°C



| PART No.      | Inlet Connection | Outlet Connection | Inlet Pressure | Outlet Range  | Set Pressure | Vent Limiting Device |
|---------------|------------------|-------------------|----------------|---------------|--------------|----------------------|
| MX-325-3-1/2  | 1/2 FPT          | 1/2 FPT           | 2 P.S.I.       | 7" - 11" w.c. | 7" w.c.      | MX-12A09 (Included)  |
| MX-325-5A-3/4 | 3/4 FPT          | 3/4 FPT           | 2 P.S.I.       | 7" - 11" w.c. | 7" w.c.      | MX-12A39 (Included)  |

## 2 PSIG LINE PRESSURE REGULATORS

CSA DESIGN CERTIFIED Z21.80 - CSA 6.22

The MX-325 (L) Series regulators are of a high performance type - reducing pounds pressure to a level within the appliance's operating supply range. The line regulator is located upstream of equipment already fitted with an appliance regulator.

**Maximum Individual Load:** Largest single appliance served by the regulator.

MX-325-3L-1/2 140,000 Btu/Hr  
MX-325-5AL-3/4 300,000 Btu/Hr

**Gases:** Natural or LP Gas

**Maximum Load Capacity:** Total load of all appliances combined.

MX-325-3L-1/2 250,000 Btu/Hr  
MX-325-5AL-3/4 425,000 Btu/Hr

**Gases:** Natural or LP Gas



MX-325-5AL

Ambient Temp. Limits  
-40°F To +205°F  
-40°C To +96°C



| PART No.       | Inlet Connection | Outlet Connection | Inlet Pressure | Outlet Range  | Set Pressure | Vent Limiting Device |
|----------------|------------------|-------------------|----------------|---------------|--------------|----------------------|
| MX-325-3L-1/2  | 1/2 FPT          | 1/2 FPT           | 2 P.S.I.       | 7" - 11" w.c. | 7" w.c.      | MX-12A09 (Included)  |
| MX-325-5AL-3/4 | 3/4 FPT          | 3/4 FPT           | 2 P.S.I.       | 7" - 11" w.c. | 7" w.c.      | MX-12A39 (Included)  |

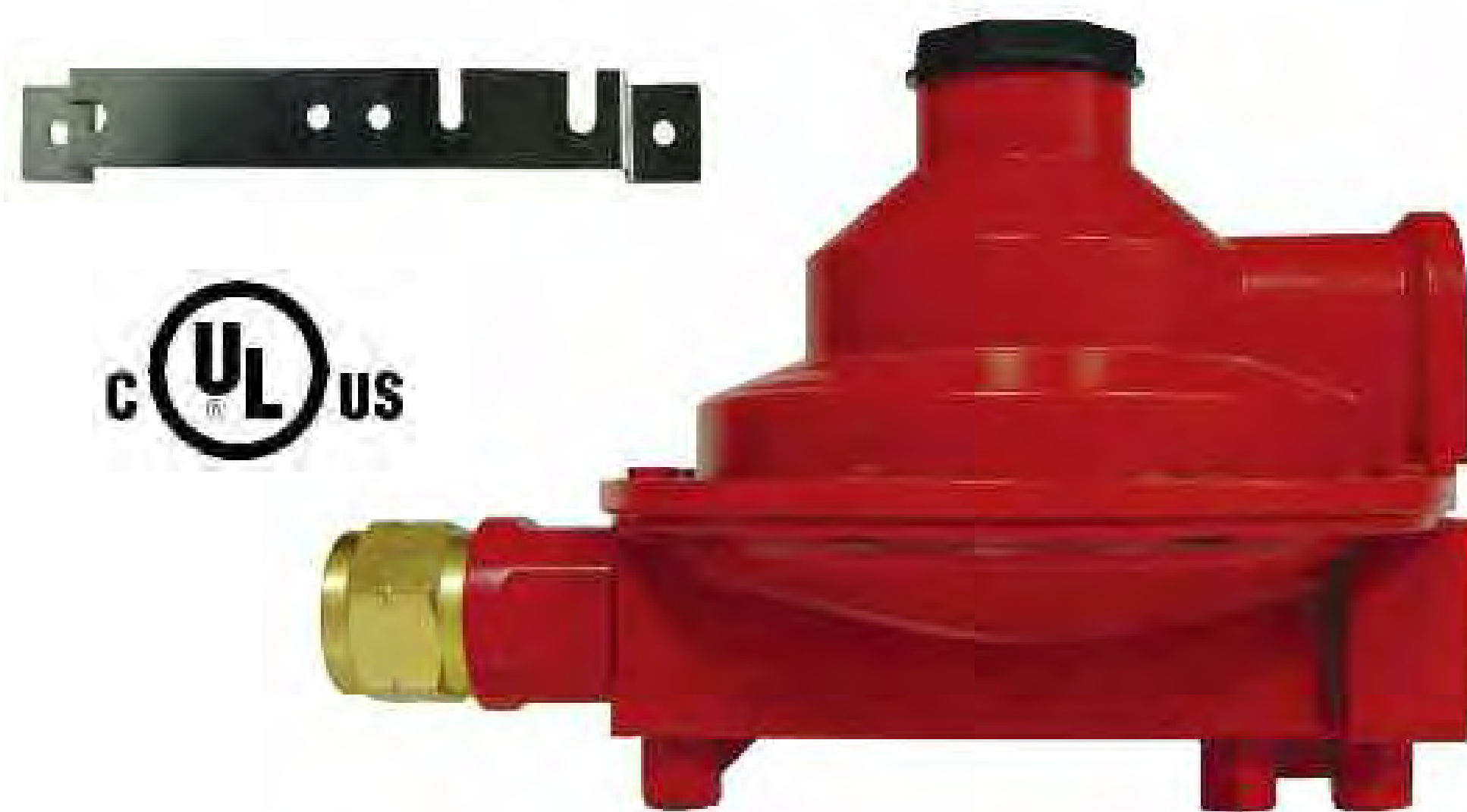


## HIGH PRESSURE LP GAS FIRST STAGE REGULATORS

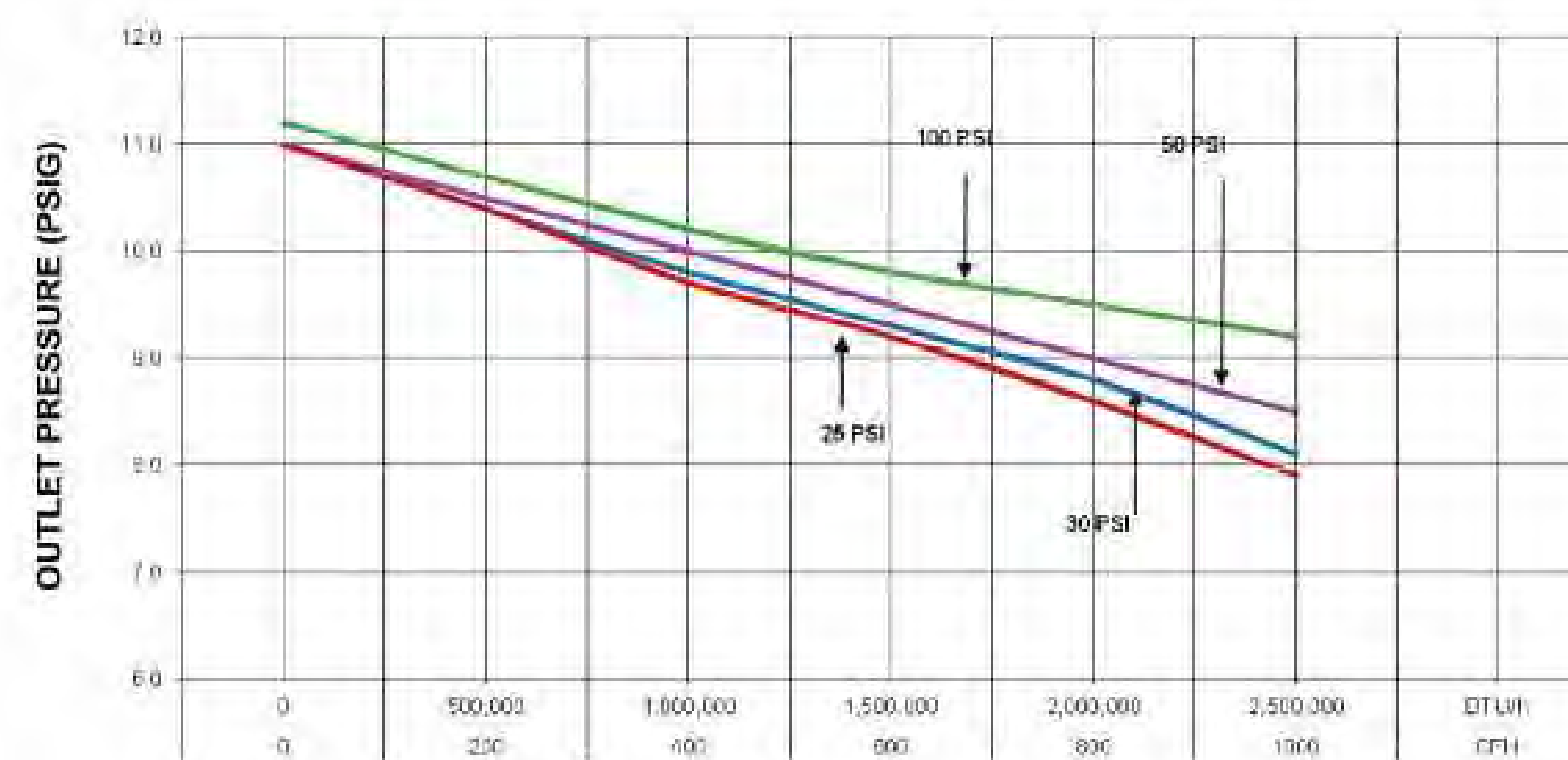
First-Stage regulators are designed for use as the first regulator of a Two-Stage regulation system on domestic applications. This large capacity adjustable First-Stage regulator is factory set at 10 PSIG. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

| PART No. | Inlet Connection           | Outlet Connection | Delivery Pressure | Adjustment Range | Bonnet Vent | Capacity * (BTU/Hr) Propane |
|----------|----------------------------|-------------------|-------------------|------------------|-------------|-----------------------------|
| GR-918   | F.POL                      | 1/2 FPT           | 10 psig           | 5-10 psig        | Over Outlet | 2,500,000                   |
| GR-9188  | 1/2 FPT                    | 1/2 FPT           |                   |                  |             |                             |
| GR-905   | Regulator Mounting Bracket |                   |                   |                  |             |                             |

\* Flow Capacity based on Inlet Pressure 20 psi higher than the Regulator setting and delivery Pressure 20% lower than the setting.



FLOW CHARACTERISTIC CHART FOR MODEL GR-918, GR-9188 AND GR-9112



## COMPACT HIGH PRESSURE LP GAS FIRST STAGE REGULATORS

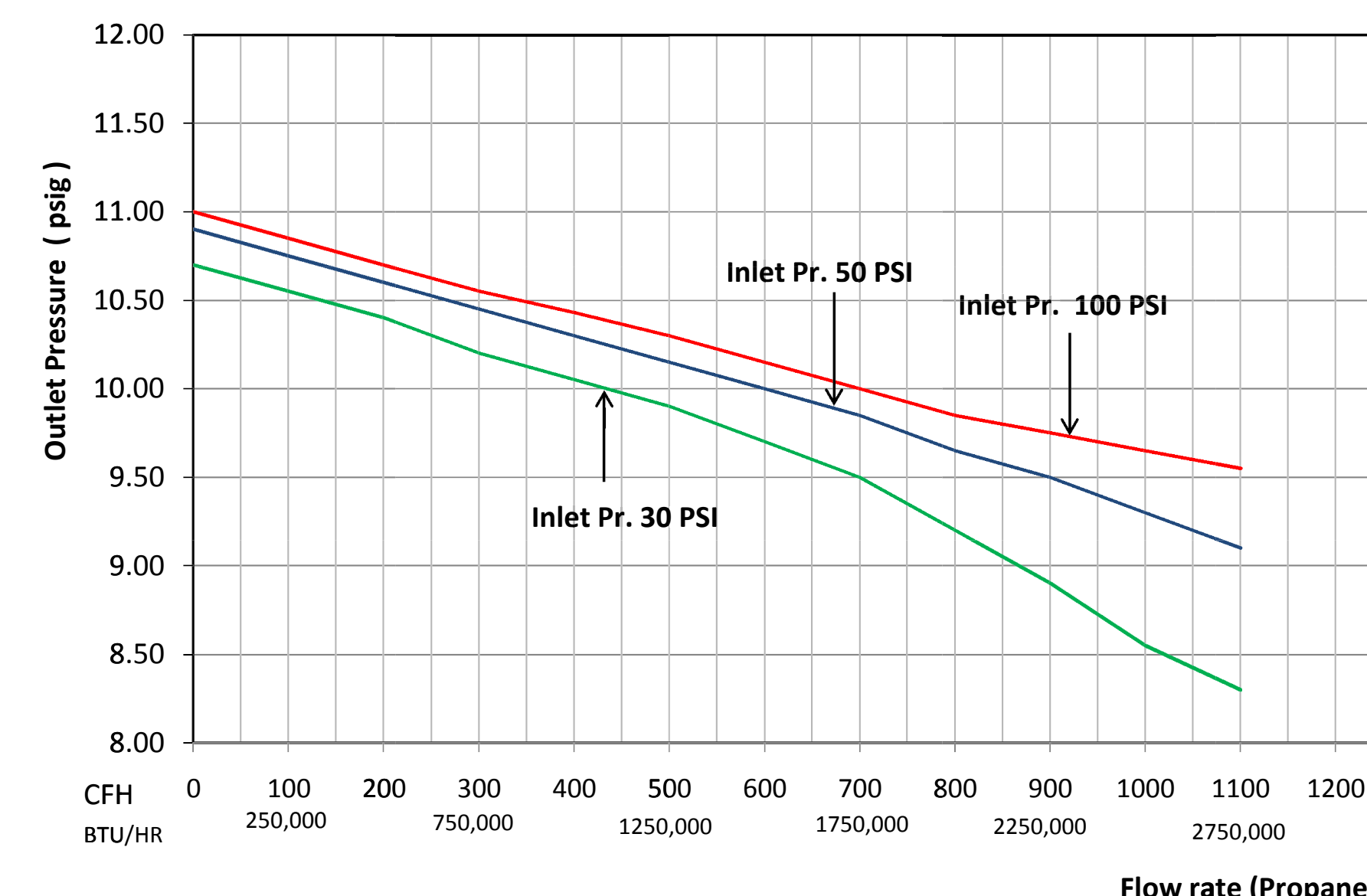
Compact First-Stage regulators are designed for use as the first regulator of a Two-Stage regulation system. Its' compact design makes it the ideal choice for tank collar installations. This large capacity adjustable First-Stage regulator is factory set at 10 PSIG. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

| PART No.     | Inlet Connection | Outlet Connection | Delivery Pressure | Max. Inlet Pressure | Bonnet Vent | Capacity * (BTU/Hr) Propane |
|--------------|------------------|-------------------|-------------------|---------------------|-------------|-----------------------------|
| GR-9148C     | 1/4 FPT          | 1/2 FPT           | 10 PSI            | 250 PSI             | Over Outlet | 2,400,000                   |
| GR-9148C-TB  | 1/4 FPT Tee      | 1/2 FPT           |                   |                     |             |                             |
| GR-918C      | F.POL            | 1/2 FPT           |                   |                     |             |                             |
| GR-918C-TPOL | F.POL Tee        | 1/2 FPT           |                   |                     |             |                             |
| GR-9112C     | F.POL            | 3/4 FPT           |                   |                     |             |                             |
| GR-9116C     | F.POL            | 1 FPT             |                   |                     |             |                             |
| GR-9188C     | 1/2 FPT          | 1/2 FPT           |                   |                     |             |                             |
| GR-91812C    | 1/2 FPT          | 3/4 FPT           |                   |                     |             |                             |
| GR-91816C    | 1/2 FPT          | 1 FPT             |                   |                     |             |                             |
| GR-91168C    | 3/4 FPT          | 1/2 FPT           |                   |                     |             |                             |
| GR-911612C   | 3/4 FPT          | 3/4 FPT           |                   |                     |             |                             |
| GR-911616C   | 3/4 FPT          | 1 FPT             |                   |                     |             |                             |

\* Flow Capacity based on Inlet Pressure 20 psi higher than the Regulator setting and delivery Pressure 20% lower than the setting.



FLOW CHARACTERISTIC CHART FOR FIRST STAGE COMPACT REGULATOR (10 PSIG)





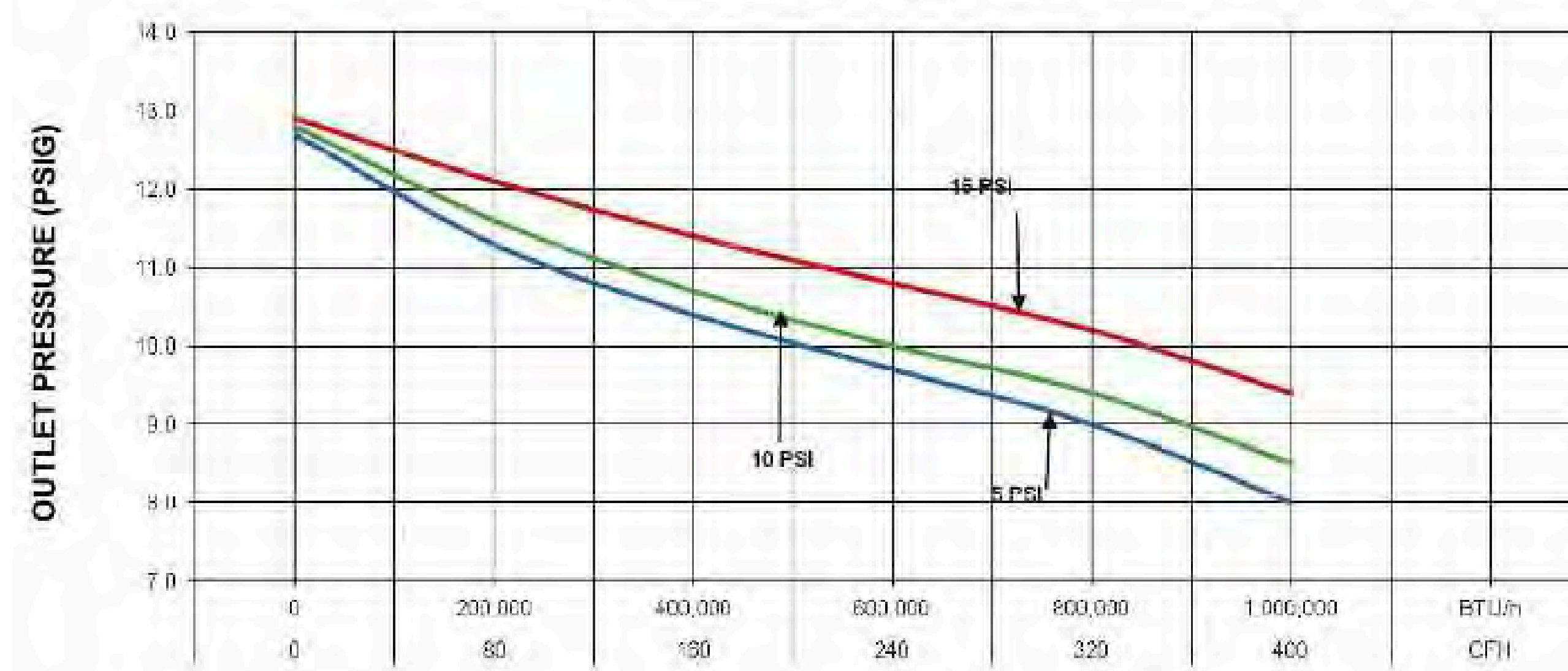
## LOW PRESSURE LP GAS SECOND STAGE REGULATORS

Second Stage regulators are designed to reduce the pressure from a First-Stage regulator in domestic applications. These adjustable regulators are factory set at 11" w.c. with first stage inlet pressure of 10 PSIG. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

| PART No. | Inlet Connection           | Outlet Connection | Delivery Pressure | Adjustment Range | Bonnet Vent | Capacity * (BTU/Hr) Propane |
|----------|----------------------------|-------------------|-------------------|------------------|-------------|-----------------------------|
| GR-928   | 1/2 FPT                    | 1/2 FPT           | 11" wc @ 10 psi   | 9"-13" wc        | Over Inlet  | 950,000                     |
| GR-9212  | 1/2 FPT                    | 3/4 FPT           | 11" wc @ 10 psi   | 9"-13" wc        |             |                             |
| GR-905   | Regulator Mounting Bracket |                   |                   |                  |             |                             |

\* Flow Capacity based on 10 psi Inlet Pressure and 9" wc delivery Pressure

FLOW CHARACTERISTIC CHART FOR MODEL GR-928, GR-9212 AND GR-921212



## COMPACT LOW PRESSURE LP GAS SECOND STAGE REGULATORS

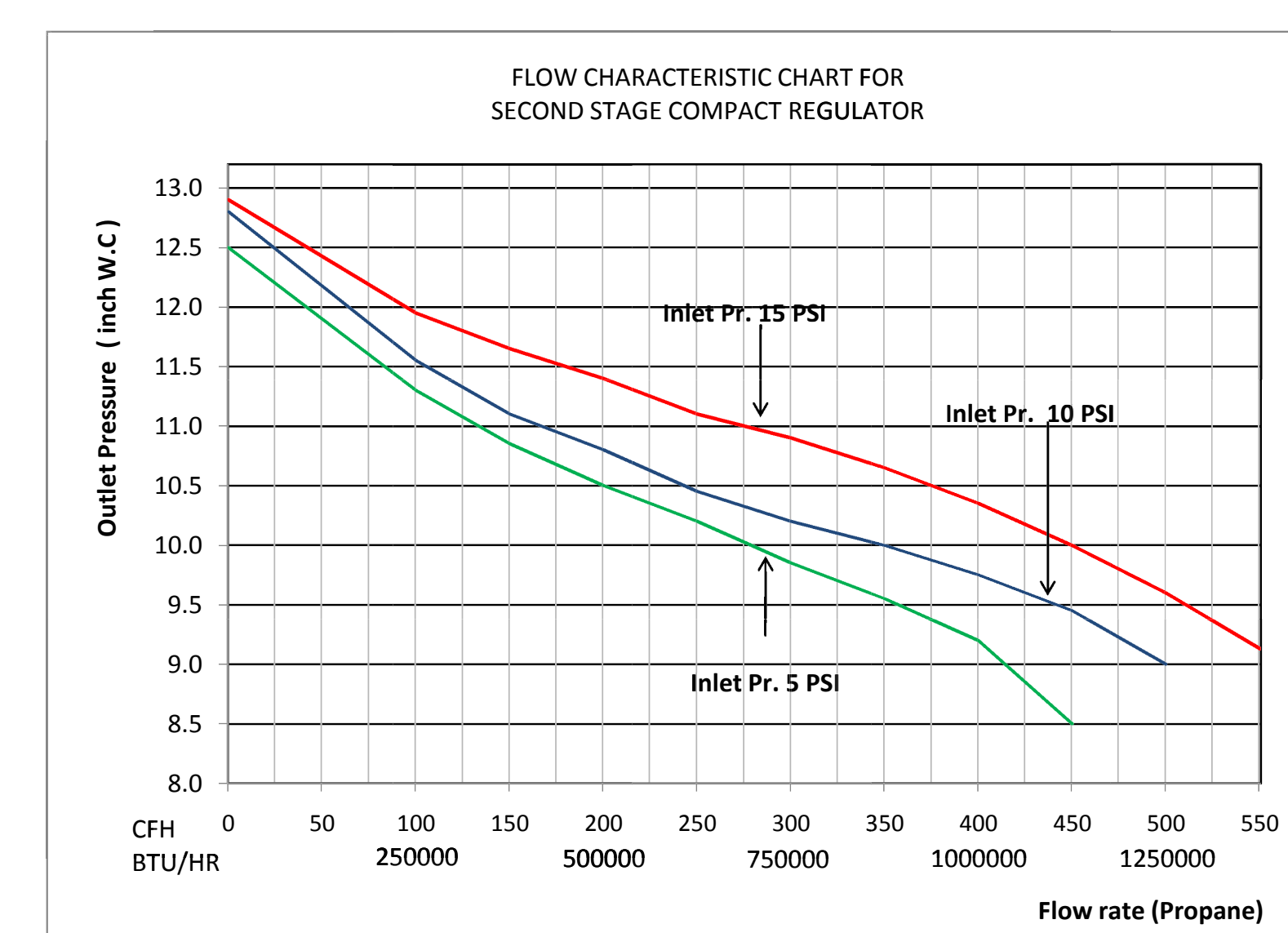
Compact Second Stage regulators are designed to reduce the pressure from a First-Stage regulator. Its' compact design makes it the ideal choice for limited space domestic applications. These adjustable regulators are factory set at 11" w.c. with first stage inlet pressure of 10 psig. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

| PART No.       | Inlet Connection | Outlet Connection | Delivery Pressure | Vent Position | Capacity * (BTU/Hr) Propane | Mount            |
|----------------|------------------|-------------------|-------------------|---------------|-----------------------------|------------------|
| GR-9288C       | 1/2 FPT          | 1/2 FPT           | 11" W.C. @ 10 PSI | Over Inlet    | 1,200,000                   | Standard         |
| GR-92812C      | 1/2 FPT          | 3/4 FPT           | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-92816C      | 1/2 FPT          | 1 FPT             | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-92128C      | 3/4 FPT          | 1/2 FPT           | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-921212C     | 3/4 FPT          | 3/4 FPT           | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-921216C     | 3/4 FPT          | 1 FPT             | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-9288CBM     | 1/2 FPT          | 1/2 FPT           | 11" W.C. @ 10 PSI | Over Inlet    | 1,200,000                   | Back Mount       |
| GR-92812CBM    | 1/2 FPT          | 3/4 FPT           | 11" W.C. @ 10 PSI | Over Inlet    | 1,200,000                   | Dielectric Union |
| GR-9288CDU     | 1/2 FPT          | 1/2 FPT           | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-92812CDU    | 1/2 FPT          | 3/4 FPT           | 11" W.C. @ 10 PSI |               |                             |                  |
| GR-9288CBM-DU  | 1/2 FPT          | 1/2 FPT           | 11" W.C. @ 10 PSI | Over Inlet    | 1,200,000                   | BM with DU       |
| GR-92812CBM-DU | 1/2 FPT          | 3/4 FPT           | 11" W.C. @ 10 PSI |               |                             |                  |

\* Flow Capacity based on 10 psi Inlet Pressure and 11" wc delivery Pressure



Vent Extender  
PART No.  
GR-920C-VE



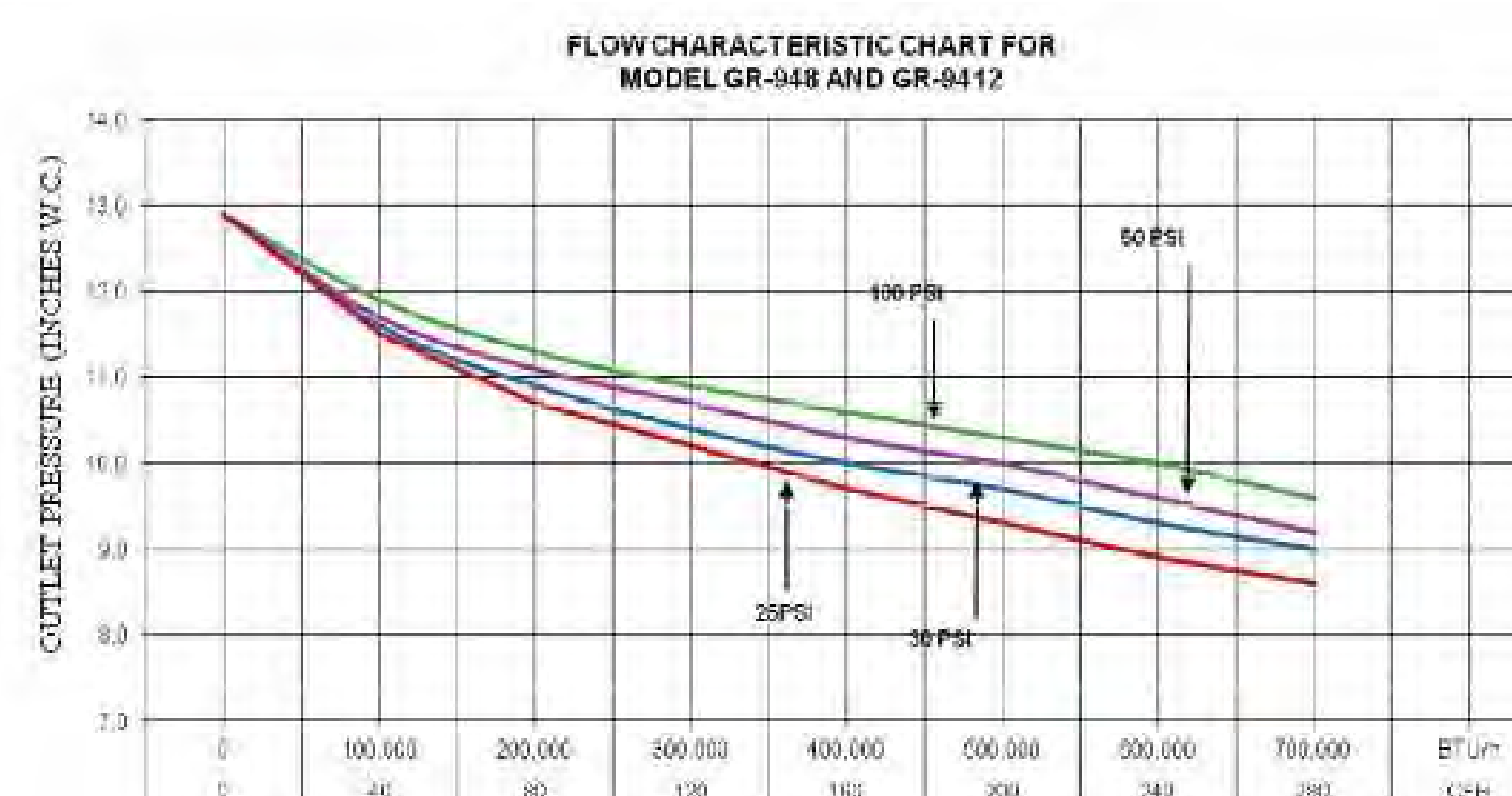
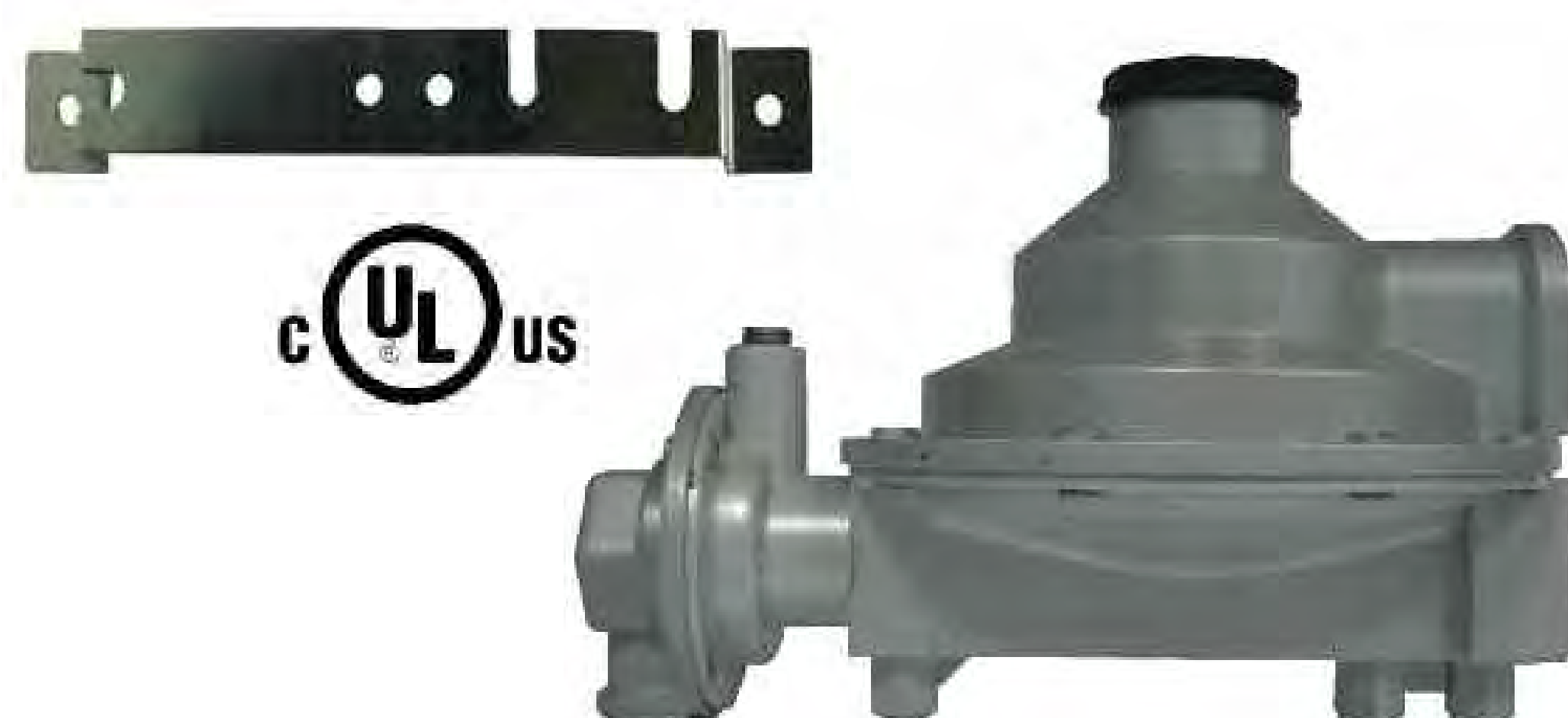


## LP GAS TWO STAGE REGULATORS

Two Stage regulators combine first and second stage regulators into a single unit. Designed to reduce container pressure down to 11" w.c. delivery pressure. Equipped with 1/8" FNPT gauge taps on inlet and outlet for easy system pressure checks.

| PART No. | Inlet Connection           | Outlet Connection | Delivery Pressure | Adjustment Range | Bonnet Vent 1st Stage | Bonnet Vent 2nd Stage | Capacity* (BTU/Hr) Propane |
|----------|----------------------------|-------------------|-------------------|------------------|-----------------------|-----------------------|----------------------------|
| GR-948   | 1/4 FPT                    | 1/2 FPT           | 11" wc @ 250 psi  | 9"-13" wc        | Down                  | Over Outlet           | 525,000                    |
| GR-9412  | 1/4 FPT                    | 3/4 FPT           | 11" wc @ 250 psi  | 9"-13" wc        |                       |                       |                            |
| GR-905   | Regulator Mounting Bracket |                   |                   |                  |                       |                       |                            |

\* Flow Capacity based on 25 psi Inlet Pressure and 9" wc delivery Pressure

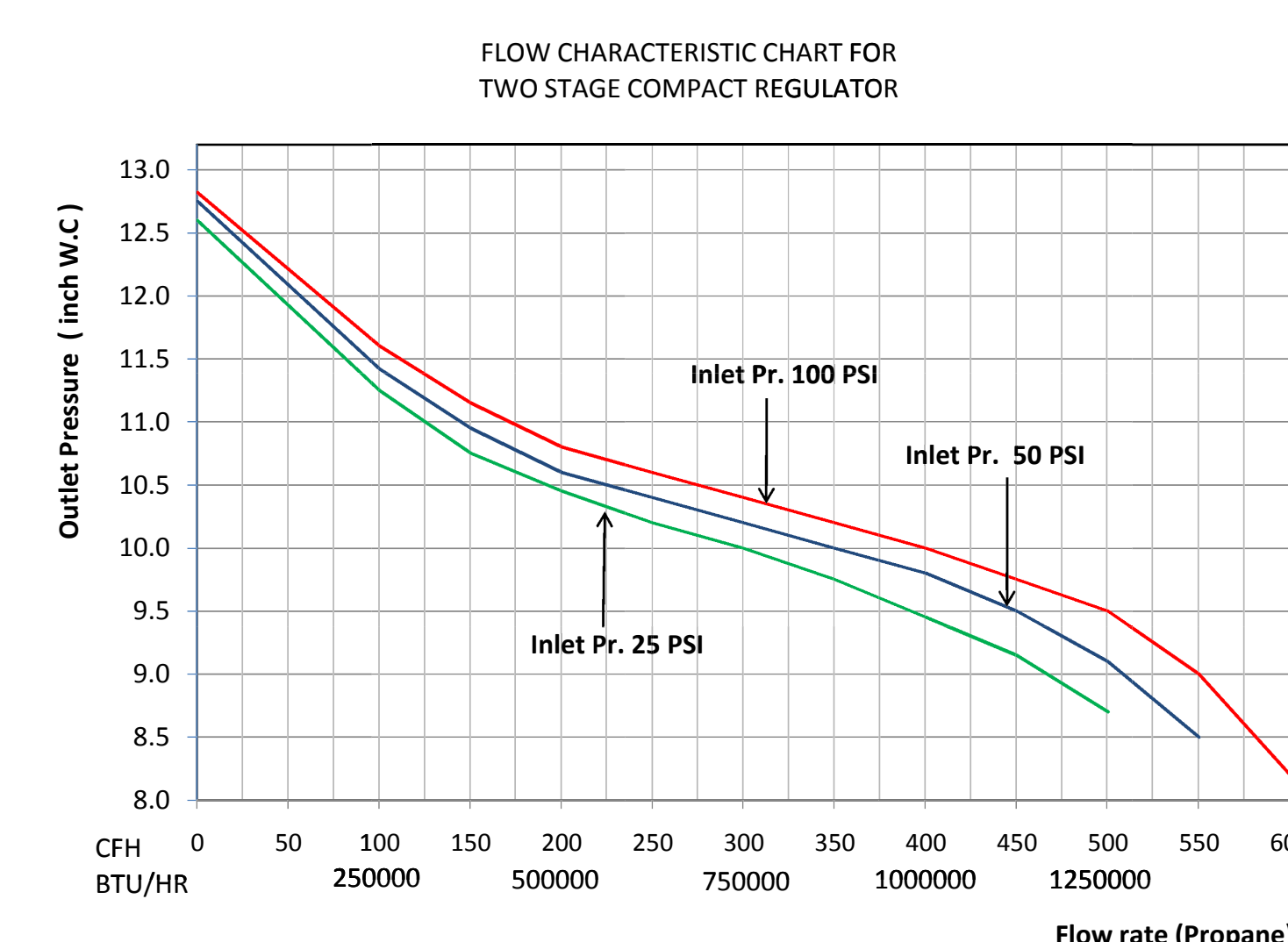
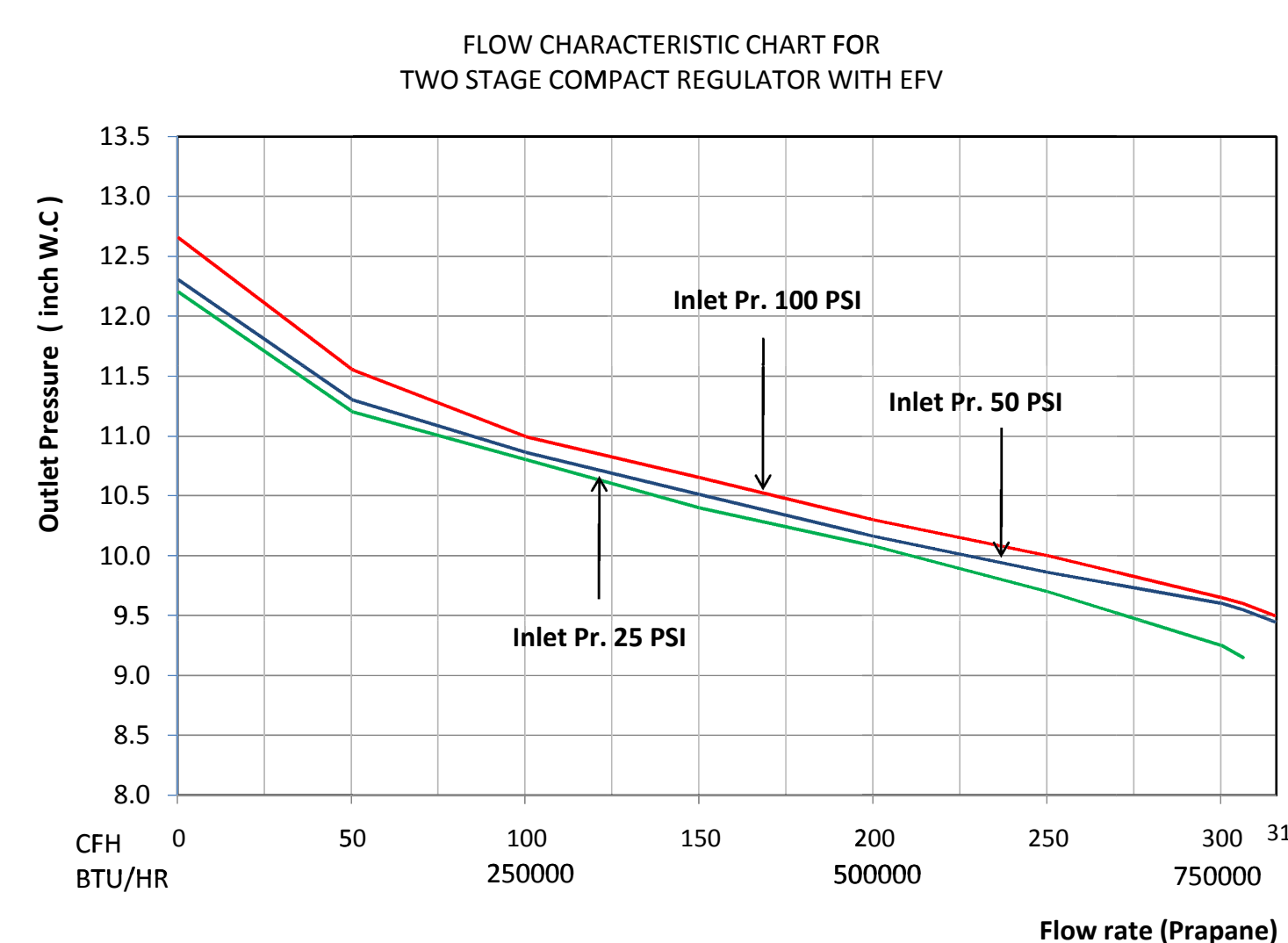


## COMPACT LP GAS TWO STAGE REGULATORS

This Compact regulator combines first and second stage regulators into a single unit. Designed to reduce container pressure down to 11" w.c. delivery pressure. Its' compact design makes it the ideal choice for small domestic applications. Equipped with 1/8" FNPT gauge taps on inlet and outlet for easy system pressure checks.

| PART No.     | Inlet Connection                     | Outlet Connection | Delivery Pressure | Vent 2nd Stage | EFV | Capacity* (BTU/Hr) Propane |
|--------------|--------------------------------------|-------------------|-------------------|----------------|-----|----------------------------|
| GR-968C      | 1/4"                                 | 1/2"              | 11" W.C. @250 PSI | Over Outlet    | No  | 1,000,000                  |
| GR-968C-2412 | GR-968C Regulator W/ CP-2412 Pigtail |                   |                   |                |     |                            |
| GR-9612C     | 1/4"                                 | 3/4"              | 11" W.C. @250 PSI | Over Outlet    | No  | 1,000,000                  |
| GR-9616C     | 1/4"                                 | 1"                | 11" W.C. @250 PSI | Over Outlet    | No  | 1,000,000                  |
| GR-968CX     | 1/4"                                 | 1/2"              | 11" W.C. @250 PSI | Over Outlet    | Yes | 700,000                    |
| GR-9612CX    | 1/4"                                 | 3/4"              | 11" W.C. @250 PSI | Over Outlet    | Yes | 700,000                    |
| GR-9616CX    | 1/4"                                 | 1"                | 11" W.C. @250 PSI | Over Outlet    | Yes | 700,000                    |
| GR-948C      | 1/4"                                 | 1/2"              | 11" W.C. @250 PSI | 9 O'Clock      | No  | 1,000,000                  |
| GR-948C-2412 | GR-948C Regulator W/ CP-2412 Pigtail |                   |                   |                |     |                            |
| GR-9412C     | 1/4"                                 | 3/4"              | 11" W.C. @250 PSI | 9 O'Clock      | No  | 1,000,000                  |
| GR-9416C     | 1/4"                                 | 1"                | 11" W.C. @250 PSI | 9 O'Clock      | No  | 1,000,000                  |
| GR-948CX     | 1/4"                                 | 1/2"              | 11" W.C. @250 PSI | 9 O'Clock      | Yes | 700,000                    |
| GR-9412CX    | 1/4"                                 | 3/4"              | 11" W.C. @250 PSI | 9 O'Clock      | Yes | 700,000                    |
| GR-9416CX    | 1/4"                                 | 1"                | 11" W.C. @250 PSI | 9 O'Clock      | Yes | 700,000                    |

\* Flow Capacity based on 25 psi Inlet Pressure and 9" wc delivery Pressure





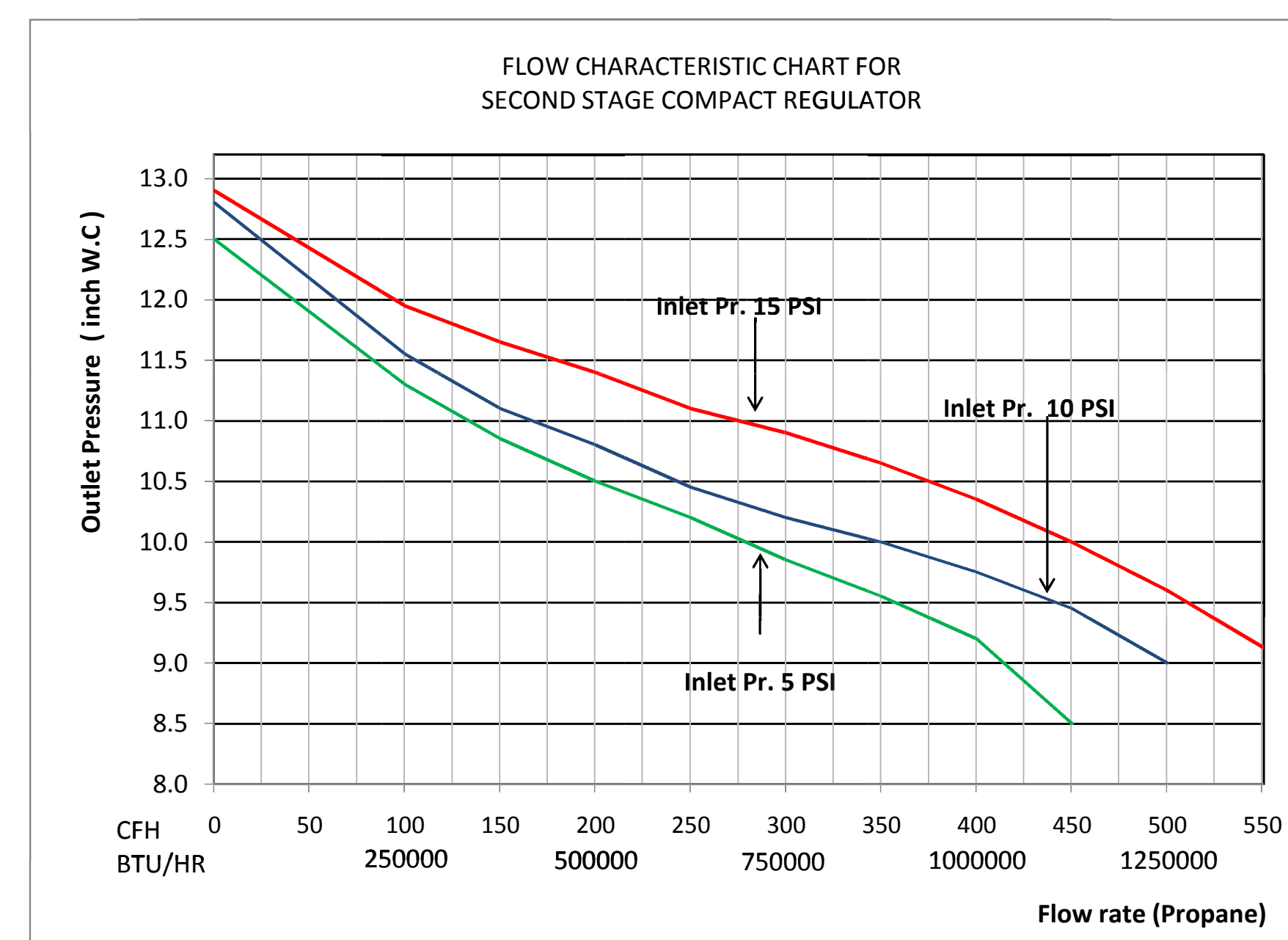
## COMPACT SECOND STAGE LOW PRESSURE 2 PSI REGULATORS

Low Pressure Second Stage regulators are designed to reduce the pressure from a First-Stage regulator.

| PART No.       | Inlet Connection | Outlet Connection | Delivery Pressure | Vent Position | Capacity * (BTU/Hr) Propane | Mount            |
|----------------|------------------|-------------------|-------------------|---------------|-----------------------------|------------------|
| GR-9388C       | 1/2 FPT          | 1/2 FPT           | 2 PSI             | Over Inlet    | 1,350,000                   | Standard         |
| GR-93812C      | 1/2 FPT          | 3/4 FPT           | 2 PSI             | Over Inlet    |                             |                  |
| GR-93816C      | 1/2 FPT          | 1 FPT             | 2 PSI             | Over Inlet    |                             |                  |
| GR-93128C      | 3/4 FPT          | 1/2 FPT           | 2 PSI             | Over Inlet    |                             |                  |
| GR-931212C     | 3/4 FPT          | 3/4 FPT           | 2 PSI             | Over Inlet    |                             |                  |
| GR-931216C     | 3/4 FPT          | 1 FPT             | 2 PSI             | Over Inlet    |                             |                  |
| GR-93688C      | 1/2 FPT          | 1/2 FPT           | 2 PSI             | Over Outlet   |                             |                  |
| GR-936812C     | 1/2 FPT          | 3/4 FPT           | 2 PSI             | Over Outlet   |                             |                  |
| GR-9361212C    | 3/4" FPT         | 3/4 FPT           | 2 PSI             | Over Outlet   |                             |                  |
| GR-9388CBM     | 1/2 FPT          | 1/2 FPT           | 2 PSI             | Over Inlet    |                             |                  |
| GR-93812CBM    | 1/2 FPT          | 3/4 FPT           | 2 PSI             | Over Inlet    | 1,350,000                   | Dielectric Union |
| GR-9388CDU     | 1/2 FPT          | 1/2 FPT           | 2 PSI             | Over Inlet    |                             |                  |
| GR-93812CDU    | 1/2 FPT          | 3/4 FPT           | 2 PSI             | Over Inlet    | 1,350,000                   | BM with DU       |
| GR-9388CBM-DU  | 1/2 FPT          | 1/2 FPT           | 2 PSI             | Over Inlet    |                             |                  |
| GR-93812CBM-DU | 1/2 FPT          | 3/4 FPT           | 2 PSI             | Over Inlet    |                             |                  |



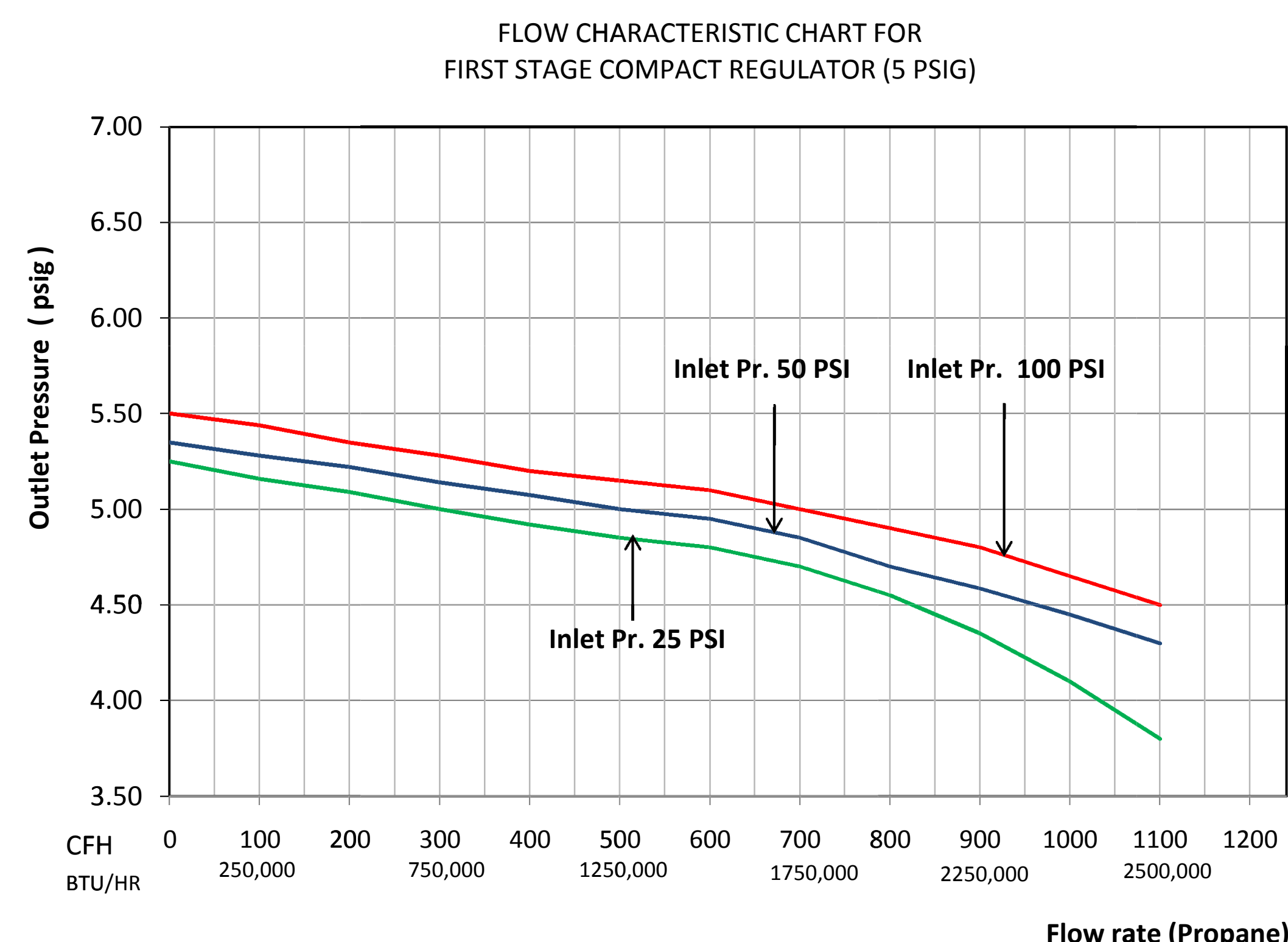
\*\*\* Suffix second stage compact regulator part number:  
**BM** - Back Mount  
**DU** - Dielectric Union  
**BM-DU** - Back Mount with Dielectric Union



## COMPACT 2 PSI TWO STAGE REGULATORS

Compact Two Stage regulators combine first and second stage regulators into a single unit. Designed to reduce container pressure down to 2 PSI. delivery pressure. Its' compact design makes it the ideal choice for small domestic applications.

| PART No.   | Inlet Connection | Outlet Connection | Delivery Pressure | Bonnet Vent | EFV | Capacity * (BTU/Hr) Propane |
|------------|------------------|-------------------|-------------------|-------------|-----|-----------------------------|
| GR-96248CX | 1/4 FPT          | 1/2 FPT           | 2 PSI             | Over Outlet | Yes | 700,000                     |
| GR-96248C  | 1/4 FPT          | 1/2 FPT           | 2 PSI             | Over Outlet | No  | 1,000,000                   |
| GR-94248C  | 1/4 FPT          | 1/2 FPT           | 2 PSI             | Over Outlet | No  | 1,000,000                   |





**GAS-FLO® 3/8" NATURAL GAS / PROPANE GAS OUTLETS**



Overall Dimensions of NGO-3 OUTLET COVER measures:  
**6-1/4" H x 3-1/2" W x 2-1/2" D**

NGO-3HT

**GAS-FLO®**  
 Retail packaging available.

**PART No.: NGO-3 (Stainless Steel Cover)**

- STAINLESS STEEL OUTLET COVER.
- 3/8 C.S.A. CONVENIENCE OUTLET (VALVE WITH COUPLER).
- GAS-ON LOCKING DEVICE\*
- APPLIANCE ATTACHMENT (NIPPLE).
- OUTLET DUST PLUG.



**THERMAL PROTECTION DEVICE SHUTS OFF FLOW OF GAS AT +250°F, +121°C**

• Natural Gas CSA Rated 80,000 BTU/H @ 0.5 PSIG with 0.6" wc pressure drop.  
 Propane Gas CSA Rated 125,000 BTU/H @ 0.6" wc pressure drop.



Overall Dimensions of NGO-2 OUTLET COVER measures:  
**5-3/4" H x 3-1/2" W x 2-1/2" D**

| PART No. | Description                              |
|----------|------------------------------------------|
| NGO-3    | Gas Outlet with Stainless Cover          |
| NGO-3HT  | Stainless - With Hanger Tab Rack Package |
| NGO-3W   | Stainless - With White Painted Cover     |

| PART No.      | Description                                               |
|---------------|-----------------------------------------------------------|
| NG-OUTLET-NCN | Gas Outlet with Stainless Cover<br>(No Coupler or Nipple) |

**PART No.: NGO-2 (ABS Cover)**

- U.V. / SHOCK RESISTANT ABS OUTLET COVER.
- 3/8 C.S.A. CONVENIENCE OUTLET (VALVE WITH COUPLER).
- APPLIANCE ATTACHMENT (NIPPLE).
- GAS-ON LOCKING DEVICE
- OUTLET DUST PLUG.
- STANDOFF SPACERS.
- MOUNTING BRACKET.

**THERMAL PROTECTION DEVICE SHUTS OFF FLOW OF GAS AT +250°F, +121°C**



Hose Assembly Length Restrictions May Apply: Check with Local Jurisdictions

• Natural Gas CSA Rated 80,000 BTU/H @ 0.5 PSIG with 0.6" wc pressure drop.  
 Propane Gas CSA Rated 125,000 BTU/H @ 0.6" wc pressure drop.

| PART No. | Description                          |
|----------|--------------------------------------|
| NGO-2    | Gas Outlet with White ABS Housing    |
| NGO-2HT  | White - With Hanger Tab Rack Package |



Q.D. Sleeve Can't Move When Handle In On Position

**Gas Hose Assemblies Sold Separately**

**CAUTION: Gas Outlets are to be installed by Licensed Gas fitters only.**



## GAS~FLO® DUAL NATURAL GAS / PROPANE OUTLETS WITH 3/8" QUICK DISCONNECT COUPLERS

### 2 LB. System Gas Box

- 2 LB. TO 7" WATER COLUMN GAS REGULATOR.



Left Mount

**PART No.: NG-OUTLET-2LB-DUAL-L**  
Overall Dimensions of OUTLET COVER measures:  
**8-1/4" H x 9" W x 2-3/4" D**

- HEAVY DUTY 20 GAUGE STAINLESS STEEL OUTLET COVER.
- 3/8 C.S.A. CONVENIENCE OUTLET (VALVE WITH COUPLER).
- BRASS ADAPTERS.
- BACK MOUNT ONLY.
- OUTLET DUST PLUGS.
- STANDOFF SPACERS.
- LOCKABLE.
- WEATHER RESISTANT CAUTION LABEL.



-R  
Right sided mount available

**PART No.: NG-OUTLET-DUAL**  
*(Stainless Steel Flip Top Cover)*  
Overall Dimensions of OUTLET COVER measures:  
**6" H x 5-1/4" W x 3" D**



| PART No.               | Description                                                |
|------------------------|------------------------------------------------------------|
| NG-OUTLET-DUAL         | Dual Outlet with Stainless cover - 3/8 Q.D.                |
| NG-OUTLET-2LB-DUAL-L   | Dual Outlet 2LB. system. (Left Mount) - 3/8 Q.D.           |
| NG-OUTLET-2LB-DUAL-R   | Dual Outlet 2LB. system. (Right Mount) - 3/8 Q.D.          |
| NG-OUTLET-2LBLP-DUAL-L | NG-OUTLET-2LB-DUAL-L c/w 2 lb. to 11" wc Propane Regulator |
| NG-OUTLET-2LBLP-DUAL-R | NG-OUTLET-2LB-DUAL-R c/w 2 lb. to 11" wc Propane Regulator |

## GAS~FLO® 3/8" NATURAL GAS / PROPANE GAS OUTLETS

### \* 2 LB. System Gas Box

**PART No.: NGO-2LB**  
*(Stainless Steel Flip Top Cover)*  
**2LB GAS OUTLET**

- HEAVY DUTY 20 GAUGE STAINLESS STEEL OUTLET COVER.
- BRASS ADAPTERS.
- 3/8 C.S.A. CONVENIENCE OUTLET (VALVE WITH COUPLER).
- APPLIANCE ATTACHMENT (NIPPLE) AND DUST PLUG.
- WEATHER RESISTANT CAUTION LABEL.
- 2 LB. TO 7" WATER COLUMN GAS REGULATOR.



Overall Dimensions of OUTLET COVER measures:  
**6" H x 5-1/4" W x 3" D**



Overall Dimensions of OUTLET COVER measures:  
**5-1/2" H x 5-1/2" W x 3-3/4" D**

### \* 2 LB. System Gas Box

**PART No.: NGO-2LB-ABS**  
*(ABS Plastic Flip Up Cover)*



### \* 2 LB. System Gas Box

**PART No.: NG-OUTLET-2LBW**  
*(Stainless Steel Painted Cover)*  
**BALL VALVE STYLE**  
C.S.A. APPROVED BRASS BALL VALVE.  
**GAS~FLO BRAND 3/8" Q.D. COUPLER.**

Overall Dimensions of OUTLET COVER measures:  
**7-1/4" H x 4" W x 3-1/8" D**

\* Uses NG-BOX



| PART No.        | Description                                            |
|-----------------|--------------------------------------------------------|
| NGO-2LB         | 2lb SS Flip Top Cover - 3/8 Q.D.                       |
| NGO-2LB-ABS     | 2lb ABS Plastic Flip Up Cover - 3/8 Q.D.               |
| NG-OUTLET-2LB   | 2lb SS Cover Ball Valve Style - 3/8 Q.D.               |
| NG-OUTLET-2LBW  | 2lb SS White Painted Cover Ball Valve Style - 3/8 Q.D. |
| NGO-2LBLP       | NGO-2LB c/w 2 lb. to 11" wc Propane Regulator          |
| NG-OUTLET-2LBLP | NG-OUTLET-2LB c/w 2 lb. to 11" wc Propane Regulator    |

**\* The 2 Lb. Gas System is Governed by the Authorities having Jurisdiction. Users of the 2 Lb. Gas Outlet should consult Applicable Provincial / State and Municipal Laws and Regulations**



## EAS-FLO® 1/2" NATURAL GAS / PROPANE GAS OUTLETS



### PART No.: NGO-4

Overall Dimensions of EASY ACCESS OUTLET COVER measures:  
7-1/2" H x 4" W x 3-1/8" D

### PART No.: NGO-4 (Stainless Steel Flip Front Cover)

- HEAVY DUTY 20 GAUGE STAINLESS STEEL OUTLET COVER.
- 1/2" C.S.A. CONVENIENCE OUTLET (VALVE WITH COUPLER).
- BRASS ADAPTERS. (Includes Q.D. Nipple for Assembly)
- OUTLET DUST PLUGS.
- STANDOFF SPACERS.
- LOCKABLE.
- WEATHER RESISTANT CAUTION LABEL.



2 LB. System Gas Box

- 2 LB. TO 7" WATER COLUMN GAS REGULATOR. (BTU LISTED DOESN'T APPLY TO THIS ITEM)

### PART No.: NGO-4-2LB

| PART No.     | Description                                     |
|--------------|-------------------------------------------------|
| NGO-4        | 1/2" Gas Outlet with Stainless Cover            |
| NGO-4-2LB    | 1/2" Gas Outlet 2LB. System Stainless Cover     |
| NGO-4-2LBLEP | NGO-4-2LB c/w 2 lb. to 11" wc Propane Regulator |
| NGO-4NB      | 1/2" Gas Outlet Only - No Cover                 |
| NGO-4NBLEP   | NGO-4NB c/w 2 lb. to 11" wc Propane Regulator   |

- 3/8" BVQD CSA Rated 80,000 BTU/H Natural Gas @ 0.5 PSIG with 0.6" wc pressure drop. Propane Gas CSA Rated 125,000 BTU/H @ 0.6" wc pressure drop.
- 1/2" BVQD CSA Rated 140,000 BTU/H Natural Gas @ 0.5 PSIG with 0.6" wc pressure drop. Propane Gas CSA Rated 218,750 BTU/H @ 0.3" wc pressure drop.

## EAS-FLO® DUAL NATURAL GAS / PROPANE GAS OUTLETS WITH 3/8" and 1/2" QUICK DISCONNECT COUPLERS

### 2 LB. System Gas Box



### PART No.: NGO-5-2LB

Overall Dimensions of OUTLET COVER measures: 8-1/4" H x 9" W x 2-3/4" D

- HEAVY DUTY 20 GAUGE STAINLESS STEEL OUTLET COVER.
- C.S.A. CERTIFIED BVQD VALVES.
- 1/2" AND 3/8" C.S.A. CONVENIENCE OUTLET (VALVE WITH COUPLER).
- BRASS ADAPTERS.
- BACK MOUNT ONLY.
- OUTLET DUST PLUGS.
- STANDOFF SPACERS.
- LOCKABLE.
- WEATHER RESISTANT CAUTION LABEL.



### PART No.: NGO-5

Overall Dimensions of OUTLET COVER measures: 6" H x 5-1/4" W x 3" D



| Part No.     | Description                                           |
|--------------|-------------------------------------------------------|
| NGO-5        | Dual Outlet (3/8 & 1/2 Quick Disconnects)             |
| NGO-5-2LB    | Dual Outlet 2LB. System (3/8 & 1/2 Quick Disconnects) |
| NGO-5-2LBLEP | NGO-5-2LB c/w 2 lb. to 11" wc Propane Regulator       |

**\* The 2 Lb. Gas System is Governed by the Authorities having Jurisdiction. Users of the 2 Lb. Gas Outlet should consult Applicable Provincial / State and Municipal Laws and Regulations**



## GAS-FLO® 1/2" PROPANE GAS OUTLET



Overall Dimensions of  
EASY ACCESS OUTLET COVER  
measures: **6" H x 5-1/4" W x 3" D**

Lockable  
Cover



### PART No.: PGO-1 (Stainless Steel Flip Front Cover)

- HEAVY DUTY 20 GAUGE STAINLESS STEEL OUTLET COVER.
- 1/2" C.S.A. CERTIFIED BRASS BALL VALVES.
- BRASS ADAPTERS.
- STANDOFF SPACERS.
- LOCKABLE.
- WEATHER RESISTANT CAUTION LABEL.



USED IN  
CONJUNCTION  
WITH QCC1 STYLE  
CONNECTIONS

Propane Gas CSA Rated 187,500 BTU/H @ 0.3" wc pressure drop.

| PART No. | Description                                  |
|----------|----------------------------------------------|
| PGO-1    | Propane Gas Outlet 1/2" with Stainless Cover |

## 1/2" INTERIOR RECESSED GAS OUTLET

The **GAS-FLO®** CSST Wall Box for indoor gas piping systems.

Expandable metal support bracket.



Front frame removes  
for installation

### RECESSED GAS OUTLET

| PART No.                                             | Description                                 |
|------------------------------------------------------|---------------------------------------------|
| NGO-INT-D                                            | 1/2" FNPT Recessed Outlet<br>With CSA Valve |
| Inner Dimensions: (5-13/16" h x 3-1/4" d x 3-3/4" w) |                                             |



## GAS~FLO® ACCESSORIES



**GR-207VL**  
• 2 LB. TO 7" WATER COLUMN GAS REGULATOR.



**BRASS ADAPTERS**



**BALL VALVE**  
• BV-5221-\* FEMALE TO FEMALE GAS-FLO GAS BALL VALVE



**QD-GMC6-Y**  
• ADD AN OUTLET Y SPLITTER



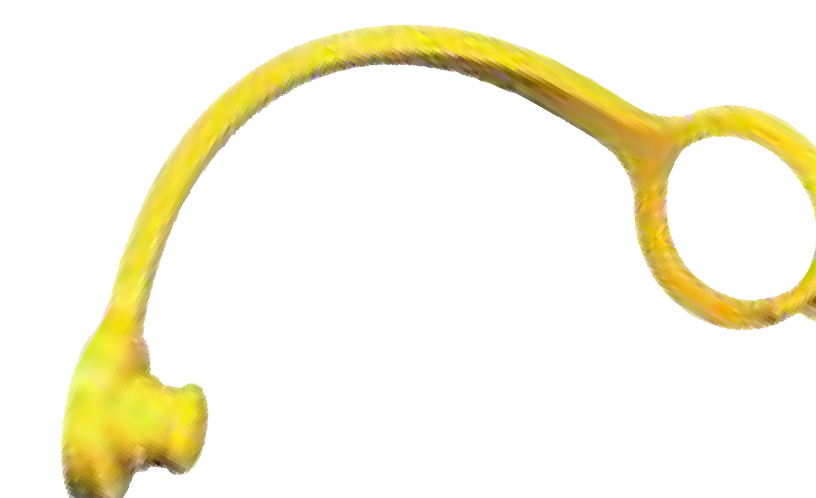
**QD-GM\*-F Series**  
• GAS-FLO QUICK DISCONNECT COUPLER AND NIPPLE



**TS17R**  
• TUBE STRAPS AND CLAMPS



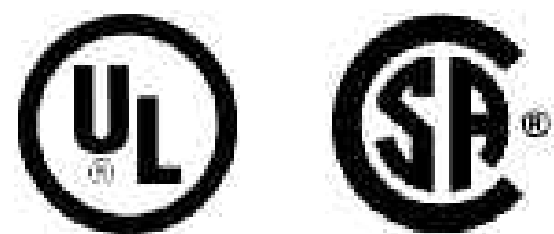
**2399**  
• QCC1 CONNECTOR X MALE PIPE



**QD-GMDP-\***  
• REPLACEMENT DUST PLUGS

**CAUTION:** Gas Outlets are to be installed by Licensed Gas fitters only.

### PROPANE / NATURAL GAS CONTROL VALVE



An electric control valve for use with LP-gas or natural gas at working pressure up to 250 P.S.I. A large orifice allows adequate flow of both liquid and vapor LP-gas. 1.1 amp nominal draw on 12 volts D.C. Inlet and outlet are female pipe threads. U.L. Listed.

1/4" inlet and outlet..... Wt. 0.7 Lbs.

| PART No. | Description                                 |
|----------|---------------------------------------------|
| SV-S121  | 12 Volt D.C. Solenoid Valve Normally Closed |

### HOUSEHOLD C/O DETECTOR / ALARM



CO Detectors monitor and detect carbon monoxide gas. They measure the concentration and sound an alarm when a potentially harmful level is reached.

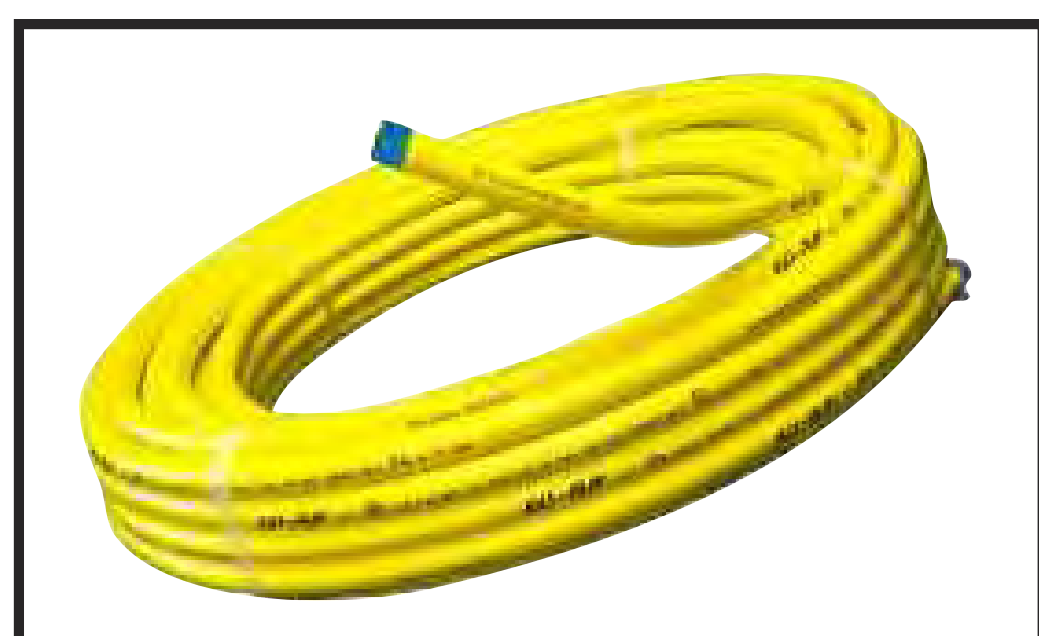
| PART No. | Description              | Type                 |
|----------|--------------------------|----------------------|
| CMD-9CO5 | Carbon Monoxide Detector | Batteries (Included) |



## **GAS-FLO** CSST is CSA Certified to 25 PSIG ANSI LC1 / CSA 6.26 Fuel Gas Piping Systems Using Corrugated Stainless Steel Tube (CSST)

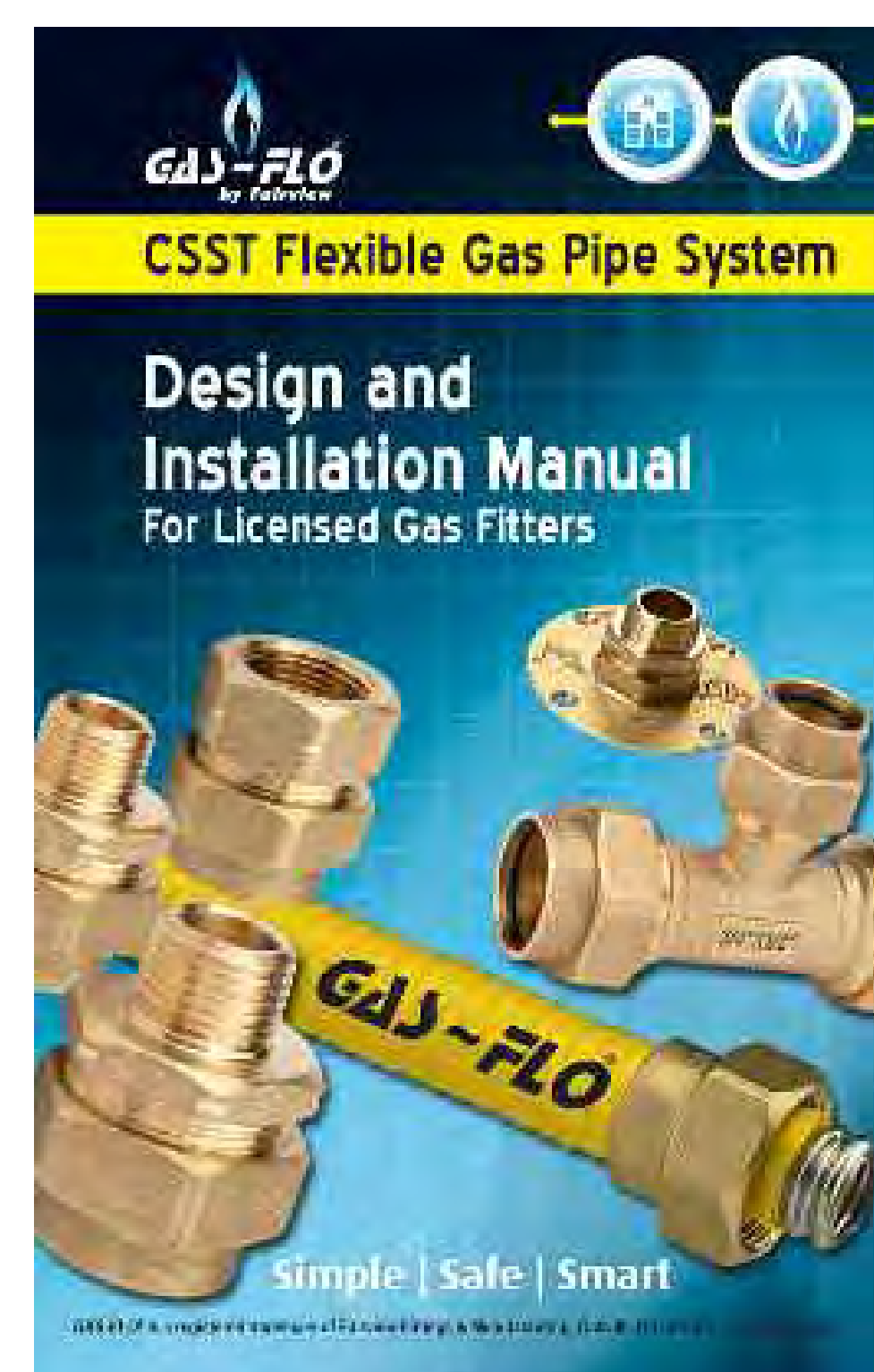


**GAS-FLO** flexible Corrugated Stainless Steel tubing, fittings and accessories make up the Simple, Safe and Smart Natural Gas and Propane flexible piping system that is as reliable as it is easy to install. **GAS-FLO** CSST is ideal for new construction and retrofits.



**ONLINE  
CERTIFICATION  
AVAILABLE:**

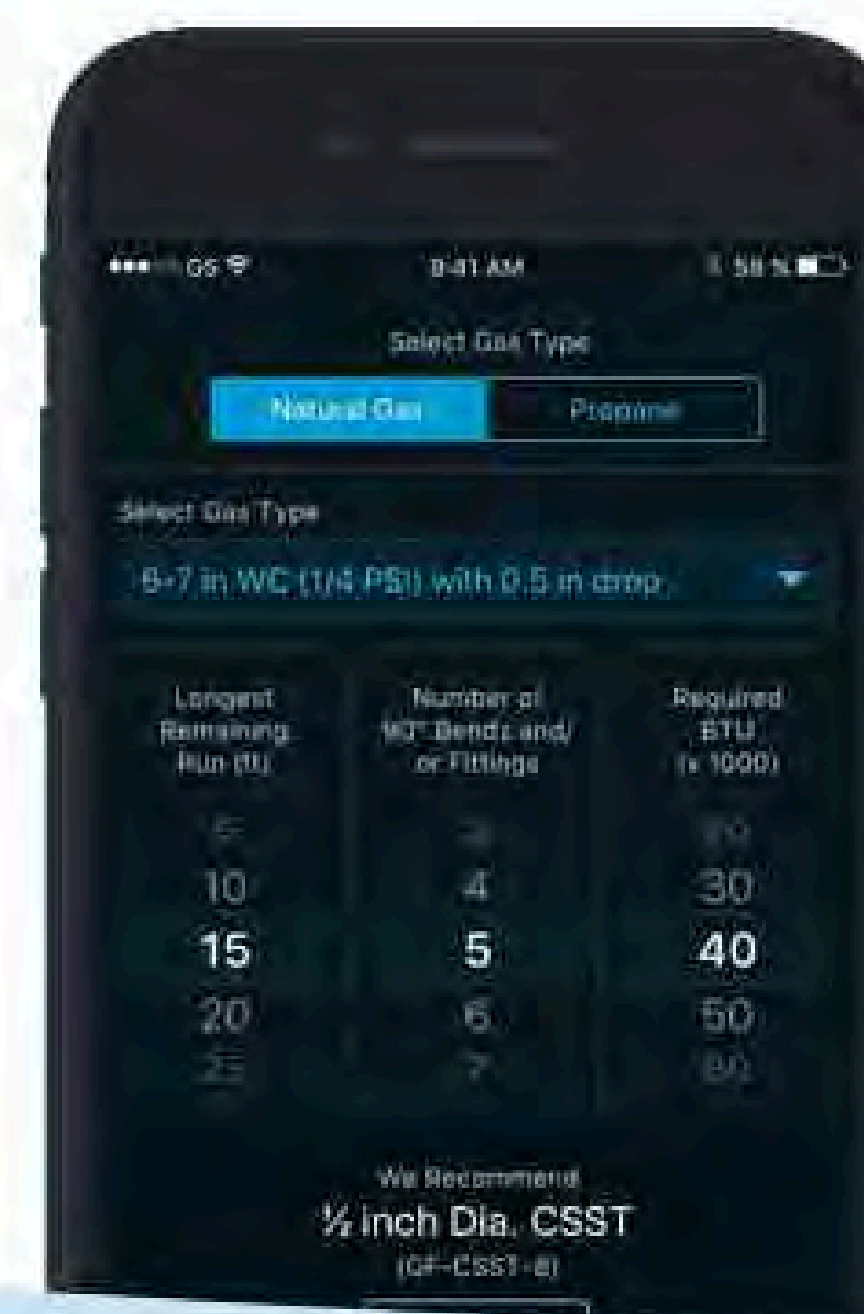
For more information visit,  
[www.fairviewfittings.com](http://www.fairviewfittings.com)  
to take the course today.



| PART No.       | Description   | Pipe Size | Nominal I.D. | Jacket O.D. | EHD* | Pkg. Qty.    |
|----------------|---------------|-----------|--------------|-------------|------|--------------|
| GF-CSST-8-100  | Flexible CSST | 1/2"      | .597         | .868        | 19   | 100 ft /Box  |
| GF-CSST-8-250  | Flexible CSST | 1/2"      | .597         | .868        | 19   | 250 ft /Reel |
| GF-CSST-12-100 | Flexible CSST | 3/4"      | .820         | 1.108       | 25   | 100 ft /Box  |
| GF-CSST-12-250 | Flexible CSST | 3/4"      | .820         | 1.108       | 25   | 250 ft /Reel |
| GF-CSST-16-100 | Flexible CSST | 1"        | 1.040        | 1.380       | 31   | 100 ft /Box  |
| GF-CSST-16-250 | Flexible CSST | 1"        | 1.040        | 1.380       | 31   | 250 ft /Reel |

\* Equivalent Hydraulic Diameter

**DOWNLOAD THE FREE GAS-FLO<sup>®</sup> CSST SIZING APP NOW**



**GAS-FLO<sup>®</sup> CSST IS TO BE INSTALLED BY LICENCED GAS FITTERS ONLY.**



## GAS~FLO® CSST FITTINGS & ACCESSORIES



| STRAIGHT MECHANICAL FITTINGS |                    |          |
|------------------------------|--------------------|----------|
| PART No.                     | Description        | NPT Size |
| GF48-8D                      | Male Straight 1/2" | 1/2"     |
| GF48-12D                     | Male Straight 3/4" | 1/2"     |
| GF48-12E                     | Male Straight 3/4" | 3/4"     |
| GF48-16H                     | Male Straight 1"   | 1"       |



| STRAIGHT ONE-TOUCH FITTINGS |                    |          |
|-----------------------------|--------------------|----------|
| PART No.                    | Description        | NPT Size |
| GFPC48-8D                   | Male Straight 1/2" | 1/2"     |
| GFPC48-12E                  | Male Straight 3/4" | 3/4"     |
| GFPC48-16H                  | Male Straight 1"   | 1"       |



| STRAIGHT MECHANICAL FITTINGS |                      |          |
|------------------------------|----------------------|----------|
| PART No.                     | Description          | NPT Size |
| GF46-8D                      | Female Straight 1/2" | 1/2"     |
| GF46-12E                     | Female Straight 3/4" | 3/4"     |
| GF46-16H                     | Female Straight 1"   | 1"       |



| STRAIGHT ONE-TOUCH FITTINGS |                      |          |
|-----------------------------|----------------------|----------|
| PART No.                    | Description          | NPT Size |
| GFPC46-8D                   | Female Straight 1/2" | 1/2"     |
| GFPC46-12E                  | Female Straight 3/4" | 3/4"     |
| GFPC46-16H                  | Female Straight 1"   | 1"       |



| STRAIGHT MECHANICAL FITTINGS |                |      |
|------------------------------|----------------|------|
| PART No.                     | Description    | Size |
| GF42-8                       | Union Coupling | 1/2" |
| GF42-12                      | Union Coupling | 3/4" |
| GF42-16                      | Union Coupling | 1"   |



| BRASS UNION TEE FITTINGS |              |              |
|--------------------------|--------------|--------------|
| PART No.                 | Description  | Size         |
| GF44-8                   | Tee Fitting  | 1"           |
| GF44-12                  | Tee Fitting  | 3/4"         |
| GF44R-128                | Tee Reducing | 3/4" To 1/2" |
| GF44-16                  | Tee Fitting  | 1"           |
| GF44R-1612               | Tee Reducing | 1" To 3/4"   |



## GAS~FLO® CSST FITTINGS & ACCESSORIES



| FLANGE MOUNT FITTINGS |                      |                    |
|-----------------------|----------------------|--------------------|
| PART No.              | Description          | NPT Size           |
| GFFKB-8D              | 1/2" CSST Flange Kit | 1/2 CSST X 1/2 MPT |
| GFFKB-12E             | 3/4" CSST Flange Kit | 3/4 CSST X 3/4 MPT |
| GFFKB-16H             | 1" CSST Flange Kit   | 1 CSST X 1 MPT     |



| STAINLESS STEEL MULTI-PORT MANIFOLDS |             |           |             |            |
|--------------------------------------|-------------|-----------|-------------|------------|
| PART No.                             | Description | Inlet NPT | 4 Ports NPT | Outlet NPT |
| GFMAN-D4                             | Manifold    | 1/2       | 1/2         | 1/2        |
| GFMAN-ED4                            | Manifold    | 3/4       | 1/2         | 3/4        |
| GFMAN-HD4                            | Manifold    | 1         | 1/2         | 1          |
| GFMAN-HE4                            | Manifold    | 1         | 3/4         | 1          |



| SPARE SPLIT RINGS |                                                               |
|-------------------|---------------------------------------------------------------|
| PART No.          | Description                                                   |
| GF60-8            | 1/2" Replacement set<br>(2 clamp Rings, 2 O-Rings, 2 Gaskets) |
| GF60-12           | 3/4" Replacement set<br>(2 clamp Rings, 2 O-Rings, 2 Gaskets) |
| GF60-16           | 1" Replacement set<br>(2 clamp Rings, 2 O-Rings, 2 Gaskets)   |



| CLAMPS   |               |                |
|----------|---------------|----------------|
| PART No. | Description   | CSST           |
| GFBC-812 | Bonding Clamp | 1/2", 3/4", 1" |



| FLOPPY PROTECTIVE HOSE |                   |
|------------------------|-------------------|
| PART No.               | Description       |
| GFFPH                  | Protective Sleeve |



## GAS-FLO® GAS LOAD CENTER

The **GAS-FLO®** Gas Load Center is the heart of a great gas piping system.



| GAS SYSTEM CABINET |                                                      |
|--------------------|------------------------------------------------------|
| PART No.           | Description                                          |
| GF-GLC             | Gas Load Cabinet<br>(25-1/4" h x 4-1/4 d x 16-5/8 w) |
| GF-GLC-BR          | "L" Manifold Mounting<br>Bracket Only.               |

## GAS LOAD CENTER TYPICAL APPLICATION

**1.**  
GF-CSST  
Tube  
(Page 62)

**2.**  
GFMAN-HD4  
Manifold  
(Page 63)

**3.**  
Black Iron  
Fittings  
(Page 40 - 42)

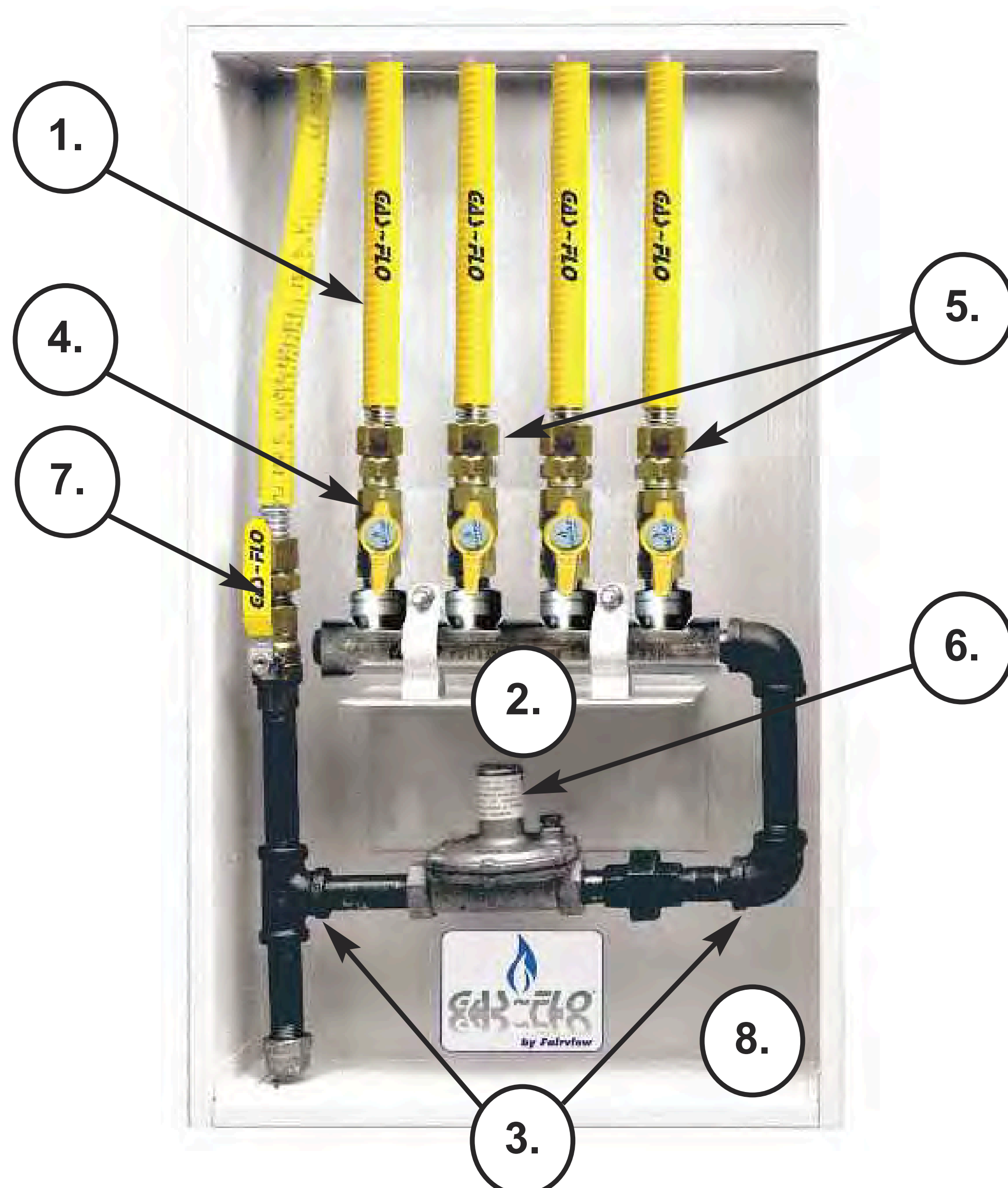
**4.**  
BV5221 Series  
Ball Valve  
(Page 54)

**5.**  
GF48 Series  
CSST  
Fittings  
(Page 63)

**6.**  
2 P.S.I.  
Regulator  
(Page 8)

**7.**  
BV2103 Series  
Ball Valve  
(Page 54)

**8.**  
GF-GLC  
Gas Load  
Center  
(Page 65)



The **GAS-FLO®** Manifold (2) offers easy installation for gas supply lines. Used in conjunction with copper tube, black iron pipe, or **GAS-FLO®** CSST flexible gas piping, it provides the homeowner with a top quality gas supply system. This sample display shown has one ball valve (7) which can be used to shut off the main gas supply to the whole system. The individual supply lines can be installed with ball valves (4) so the homeowner can shut off the gas supply to each appliance with ease. Ideally suited for new housing, renovations and retrofits.



CSST  
tube cutter  
complete with  
Stainless Steel  
cutting wheel  
(Page 100)



CSST Soft Jaw  
Pliers, ideal for  
ring crimping.  
(Page 100)



**POLYETHYLENE PIPING AND TUBE**



Our (yellow) polyethylene underground gas pipe is C.S.A. certified to B134.7 standards and is suitable for use with propane and natural gas vapor.

The coils are held together by plastic straps which are of different lengths to enable short lengths to be released as required. The pipe or tube is marked every two feet showing the amount of footage remaining on the coil.

**S.D.R. (STANDARD DIMENSIONAL RATIO)**

S.D.R. represents the pipe O.D. divided by the wall thickness.

Example: 2" IPS has a 2.375" pipe O.D.  
 2" IPS has a 0.216" wall  
 $2.375 / 0.216 \text{ wall} = \text{SDR11}$

**NOTE:** Pipe is always referenced to its SDR number while tube is always referenced to its wall thickness.

| PART No.          | Nominal PIPE SIZE | SDR  | WALL            | FEET PER COIL | PIPE O.D. | AVG. PIPE I.D. | POUNDS PER FOOT |
|-------------------|-------------------|------|-----------------|---------------|-----------|----------------|-----------------|
| PF-361-10-.090    | 1/2" CTS (NTS)    | 7.0  | 0.090 (2.29 mm) | 984           | 0.625     | 0.439          | 0.06            |
| PF-361-18-.099    | 1" CTS (NTS)      | 11.5 | 0.099 (2.50 mm) | 492           | 1.125     | 0.919          | 0.14            |
| PF-362-E-SDR11    | 3/4" IPS (NPS)    | 11.0 | 0.095 (2.41 mm) | 492           | 1.050     | 0.848          | 0.12            |
| PF-362-E-SDR11-98 | 3/4" IPS (NPS)    | 11.0 | 0.095 (2.41 mm) | 98            | 1.050     | 0.848          | 0.12            |
| PF-362-H-SDR11    | 1" IPS (NPS)      | 11.0 | 0.119 (3.04 mm) | 492           | 1.315     | 1.061          | 0.19            |
| PF-362-H-SDR11-98 | 1" IPS (NPS)      | 11.0 | 0.119 (3.04 mm) | 98            | 1.315     | 1.061          | 0.19            |
| PF-362-J-SDR10    | 1-1/4" IPS (NPS)  | 9.3  | 0.166 (4.22 mm) | 492           | 1.660     | 1.308          | 0.34            |
| PF-362-J-SDR10-98 | 1-1/4" IPS (NPS)  | 9.3  | 0.166 (4.22 mm) | 98            | 1.660     | 1.308          | 0.34            |
| PF-362-M-SDR11    | 2" IPS (NPS)      | 11.0 | 0.216 (5.48 mm) | 492           | 2.375     | 1.917          | 0.63            |

*Larger Sizes Available on Request.*



**TRACER TAPE:**

The message "CAUTION GAS LINE BURIED BELOW" has been boldly labeled on this yellow and silver metallic warning tape. We recommend you bury it 6 to 10 inches below ground level and above the PE gas line. You will find this warning tape, with its 2 inch width, easier to locate than wire with most standard metal detectors.

*For best results bury as Close to Surface as Possible.  
 Put maximum distance between tape and line being detected.*

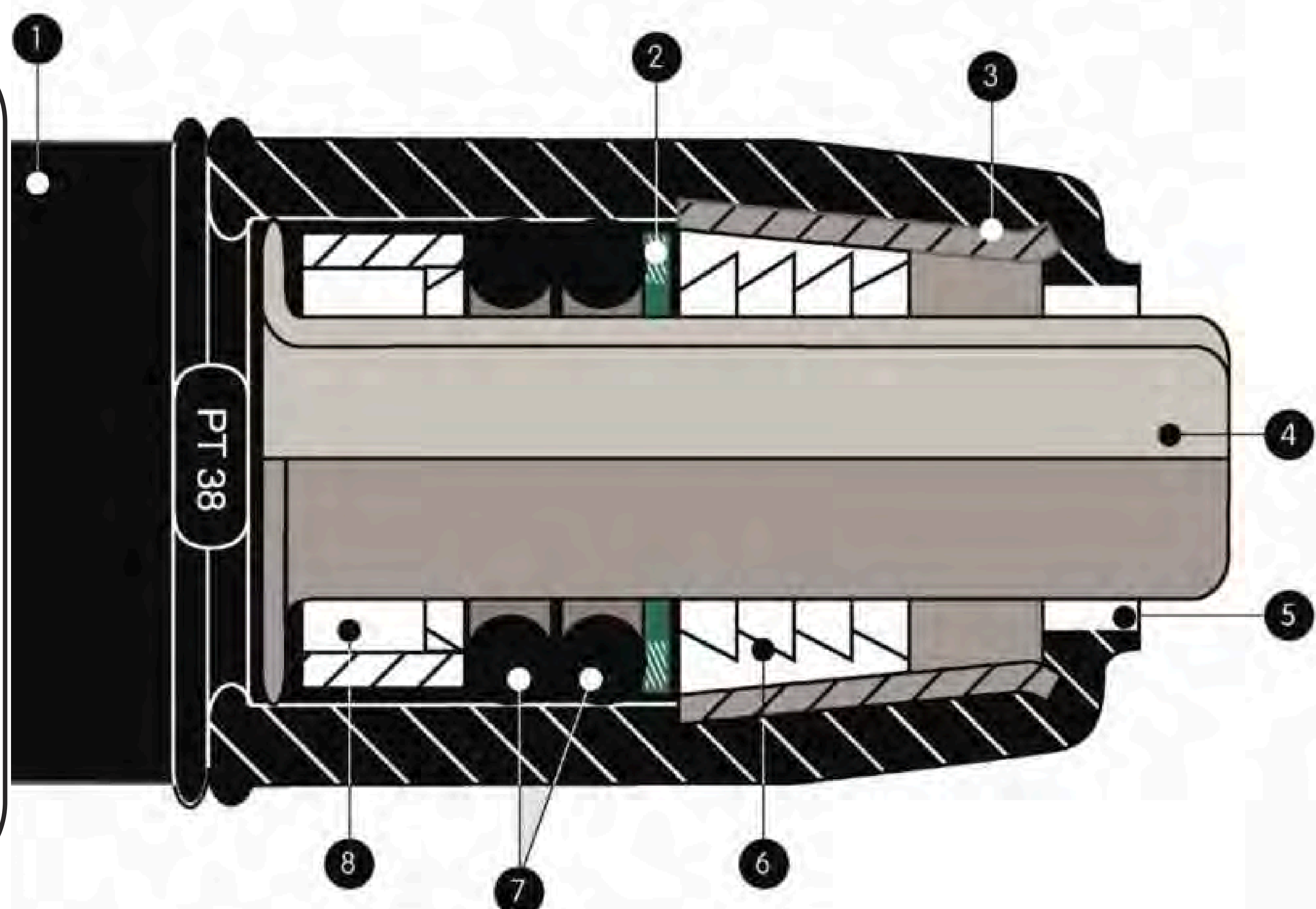


| PART No.   | DESCRIPTION                                       |
|------------|---------------------------------------------------|
| PF-MTYG-21 | METALLIC WARNING TRACER TAPE (1000 FT. ROLL X 2") |
| PF-TW-REEL | METALLIC TRACER WIRE (656 FT. (200 meter) REEL)   |





From Main-to-Meter only Elster Perfection has developed a complete mechanical polyethylene gas distribution system for installing a Main-to-Meter gas service. This family of easy-to-install products incorporates our Permasert couplings and allows you to make fast and safe piping connections without the use of special tools or expensive equipment. Complementing the wide variety of couplings, we offer anodeless service line risers, PermaLock® Mechanical Tapping Tees, PSV™ polyethylene shut-off valves, and Perfection excess flow valves. Each of these products features Permasert coupling outlets and are available in a broad range of sizes.







**COUPLINGS:** For joining two same diameters tube or pipe sizes.

| PART No.    | SIZE       | SDR / Wall    | Material        |
|-------------|------------|---------------|-----------------|
| PF-50100    | 1/2" CTS   | 090"          | PE4710 / PE3408 |
| PF-50030    | 3/4" IPS   | SDR11         | PE4710 / PE3408 |
| PF-50103    | 1" CTS     | .099" / .103" | PE4710 / PE3408 |
| PF-50601    | 1" IPS     | SDR11         | PE4710 / PE3408 |
| PF-50035010 | 1-1/4" IPS | SDR 9.3/10    | PE4710 / PE3408 |
| PF-50361    | 1-1/2" IPS | SDR11         | PE4710 / PE3408 |
| PF-50314    | 2" IPS     | SDR11         | PE4710 / PE3408 |



**REDUCING COUPLINGS:** For joining two different diameter tube or pipe sizes.

| PART No. | SIZE       | SDR / Wall | SIZE     | SDR / Wall | Material        |
|----------|------------|------------|----------|------------|-----------------|
| PF-50969 | 1/2" CTS   | .090"      | 3/4" IPS | SDR11      | PE4710 / PE3408 |
| PF-51432 | 1" IPS     | SDR11      | 3/4" IPS | SDR11      | PE4710 / PE3408 |
| PF-50343 | 1-1/4" IPS | SDR 9.3    | 1" IPS   | SDR11      | PE4710 / PE3408 |

**REPAIR COUPLINGS:**

In the event the tube or pipe has been damaged you can save 50 to 75% repair time compared to using old fashion methods. Simply snip out the damaged area, clean and chamfer the tube or pipe, stab the repair coupling on both ends, test for leaks - the job is complete.



| PART No. | SIZE   | SDR / Wall | OVERALL LENGTH | Material        |
|----------|--------|------------|----------------|-----------------|
| PF-50640 | 1" IPS | SDR11      | 12" LONG       | PE4710 / PE3408 |

**BLIND END CAPS: (CUT OFF END)**

This Blind End Cap is for closing the end of a service line with the ability to open the service line at a later time. When service is to be extended, simply cut along the clearly marked dotted line on the capped end and stab the new gas line into the mechanical coupling.



| PART No. | SIZE   | SDR / Wall | Material        |
|----------|--------|------------|-----------------|
| PF-50317 | 2" IPS | SDR11      | PE4710 / PE3408 |





**COPPERSERT™ COPPER TO PE TRANSITION COUPLING**

| PART No. | SIZE     | SDR / Wall | Copper Size | Material        |
|----------|----------|------------|-------------|-----------------|
| PF-41013 | 1/2" CTS | .090"      | 1/2" O.D.   | PE4710 / PE3408 |

**TRANSITION FITTINGS:**

Provide a quick solution for transition from iron pipe to polyethylene pipe or tube.



| PART No.  | DESCRIPTION          | SIZE                | SDR/ Wall | Material    |
|-----------|----------------------|---------------------|-----------|-------------|
| PF-700205 | Transition, Threaded | 3/4" IPS x 1/2" CTS | .090"     | 2306 / 2406 |
| PF-700802 | Transition, Threaded | 3/4" IPS            | SDR 11    | 2306 / 2406 |

**ELBOWS:** To be use where tight 90 degree turns are required.



| PART No.    | SIZE       | SDR / Wall | Material        |
|-------------|------------|------------|-----------------|
| PF-50636    | 1" IPS     | SDR11      | PE4710 / PE3408 |
| PF-50325010 | 1-1/4" IPS | SDR 9.3    | PE4710 / PE3408 |

**THREE WAY TEES:** To branch off to same size tube or pipe.



| PART No.    | SIZE       | SDR / Wall    | Material        |
|-------------|------------|---------------|-----------------|
| PF-50199    | 1/2" CTS   | .090"         | PE4710 / PE3408 |
| PF-50929    | 3/4" IPS   | SDR11         | PE4710 / PE3408 |
| PF-50292    | 1" CTS     | .099" / .103" | PE4710 / PE3408 |
| PF-50634    | 1" IPS     | SDR11         | PE4710 / PE3408 |
| PF-50327010 | 1-1/4" IPS | SDR 9.3       | PE4710 / PE3408 |
| PF-50316    | 2" IPS     | SDR11         | PE4710 / PE3408 |

**REDUCING TEES:** To branch off to a reduced tube or pipe size.



| PART No.    | SIZE       | SDR/ Wall   | SIZE       | SDR/ Wall   | SIZE       | SDR/ Wall   | Material        |
|-------------|------------|-------------|------------|-------------|------------|-------------|-----------------|
| PF-50461    | 3/4" IPS   | SDR11       | 3/4" IPS   | SDR11       | 1/2" CTS   | .090"       | PE4710 / PE3408 |
| PF-50451    | 1" CTS     | .099"/.103" | 1" CTS     | .099"/.103" | 1/2" CTS   | .090"       | PE4710 / PE3408 |
| PF-50328100 | 1-1/4" IPS | SDR 9.3     | 1-1/4" IPS | SDR10       | 1" CTS     | .099"/.103" | PE4710 / PE3408 |
| PF-51323100 | 2" IPS     | SDR11       | 2" IPS     | SDR11       | 1-1/4" IPS | SDR9.3      | PE4710 / PE3408 |





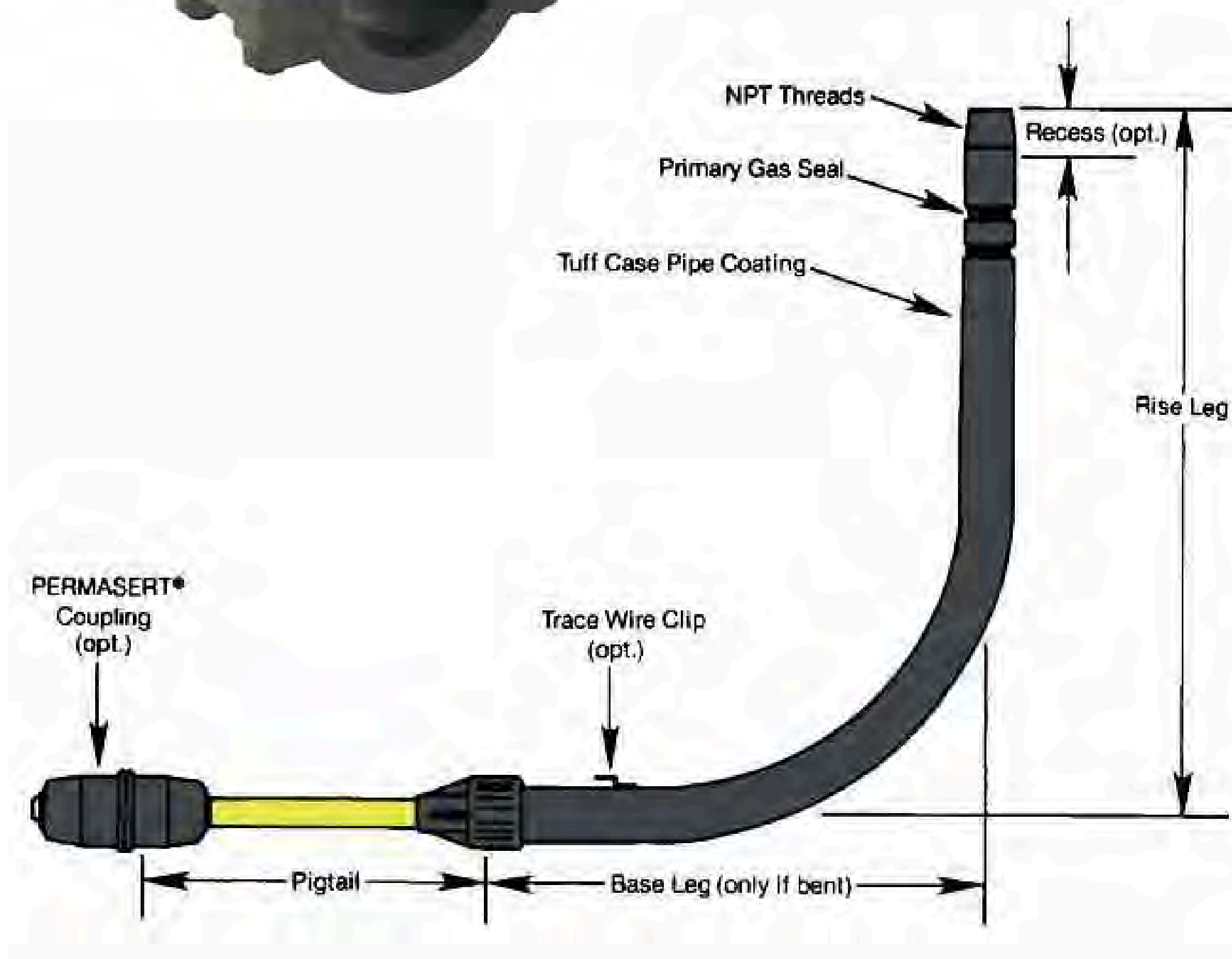
**MECHANICAL TAPPING TEES:**

The exclusive Perfection PermaLock Mechanical Tapping Tee provides a simple gas-tight, non-heat fusion polyethylene service line connection on new and existing polyethylene mains. It actually uses the inside diameter of the main itself to create a permanent gas-tight seal. The tee can be installed in as little as five minutes using only a socket set and two Allen wrenches regardless of weather conditions. There are no special tools, heating or auxiliary power requirements. There is no need to shut down the main during installation. Here's how the Perfection PermaLock Mechanical Tapping Tee uses the inside diameter of the main to achieve a permanent gas-tight seal: as the valve assembly is threaded into the tee tower it punches the main and drives the locking flange of the valve assembly through the punched hole; when the valve is threaded upward the tee is securely locked and sealed onto the main by the retaining flange on the valve assembly; the Perfection PermaLock Mechanical Tapping Tee is now permanently locked onto the main.



**MECHANICAL TAPPING TEES:**

| PART No. | MAIN SIZE  | PERMASERT<br>OUTLET | SDR /<br>Wall | CUTTER  | Material        |
|----------|------------|---------------------|---------------|---------|-----------------|
| PF-54272 | 1-1/4" IPS | 1" IPS              | SDR11         | .80 CUT | PE4710 / PE3408 |
| PF-55951 | 2" IPS     | 1" IPS              | SDR11         | .80 CUT | PE4710 / PE3408 |



**ANODELESS RISERS:**

(PERMASERT MECHANICAL END)

Perfection risers provide extra safety due to the strong schedule 40 steel pipe used as the outside casing. Due to the factory installed epoxy coating the risers do not require cathodic protection devices to ward off underground corrosion.

Each riser is tested to withstand a minimum of 150 P.S.I. and meet D.O.T. regulation 192 for residential and commercial L.P. or natural gas service.

The above ground portion has an N.P.T. end for convenient connections to a fitting, meter or regulator. There is a unique pressure seal which locks the PE tube / pipe on the inside of the riser giving the strength to allow a pull to destruction test.

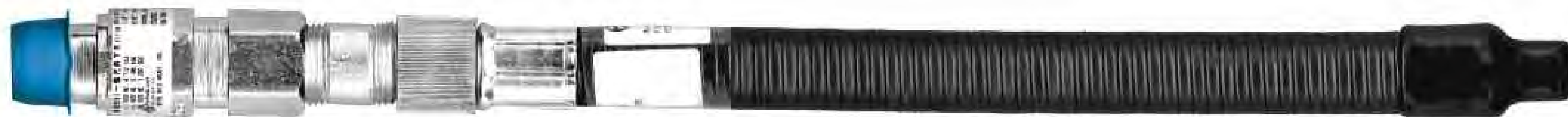
The underground portion comes with a threaded moisture seal for protection along with the factory installed PERMASERT coupling.

\* Special lengths, shapes, seals and fusion connections are available upon request.

**ANODELESS RISERS: (PERMASERT MECHANICAL END)**

| Part No. | Steel Pipe Connection | Permasert Coupling | SDR / Wall  | Vertical | Horizontal |
|----------|-----------------------|--------------------|-------------|----------|------------|
| PF-77205 | 1/2" NPT              | 1/2" CTS           | .090"       | 18"      | 18"        |
| PF-77253 | 1/2" NPT              | 1/2" CTS           | .090"       | 30"      | 24"        |
| PF-77181 | 3/4" NPT              | 1/2" CTS           | .090"       | 30"      | 24"        |
| PF-79209 | 3/4" NPT              | 3/4" IPS           | SDR11       | 30"      | 25"        |
| PF-79354 | 3/4" NPT              | 3/4" IPS           | SDR11       | 30"      | 26"        |
| PF-77120 | 3/4" NPT              | 1" CTS             | .099"/.103" | 30"      | 25"        |
| PF-79408 | 1" NPT                | 1" IPS             | SDR11       | 30"      | 25"        |
| PF-79350 | 1" NPT                | 1" IPS             | SDR11       | 30"      | 26"        |
| PF-75901 | 1-1/4" NPT            | 1-1/4" IPS         | SDR10       | 30"      | 24"        |
| PF-79784 | 1-1/2" NPT            | 1-1/2" IPS         | SDR11       | 32"      | 29"        |
| PF-75906 | 2" NPT                | 2" IPS             | SDR11       | 30"      | 15"        |





**SERVI-SERT (ALL-FLEX LP GAS RISER)**

Our fully approved Servi-Sert All-Flex riser kits are available in 84" lengths for first-stage regulator tank side and 36" lengths for second-stage regulator house side. Sold in kit form, as required by NFPA-58, these risers feature pull-out proof, third-party design certified Servi-Sert service heads, and PVC sunlight resistant coated steel flex that meets crush strength requirements. They are lined with a plastic centering device that provides an annular insulation air space, and a moisture seal permanently affixed to the end of the riser provides moisture, corrosion and shear control.

**FLEXIBLE ANODELESS Servi-Sert® - Field Assembled All-Flex**  
(With liners and swivel connector/union)

| PART No. | OUTLET   | INLET    | SDR / Wall | OVERALL LENGTH |
|----------|----------|----------|------------|----------------|
| PF-71353 | 1/2" IPS | 1/2" CTS | .090"      | 84"            |
| PF-71354 | 1/2" IPS | 1/2" CTS | .090"      | 36"            |
| PF-71410 | 3/4" IPS | 3/4" IPS | SDR 11     | 36"            |
| PF-71411 | 3/4" IPS | 3/4" IPS | SDR 11     | 60"            |
| PF-71412 | 3/4" IPS | 3/4" IPS | SDR 11     | 84"            |



**ANODELESS SERVI-SERT FIELD-ASSEMBLED RISERS (with liners)\***

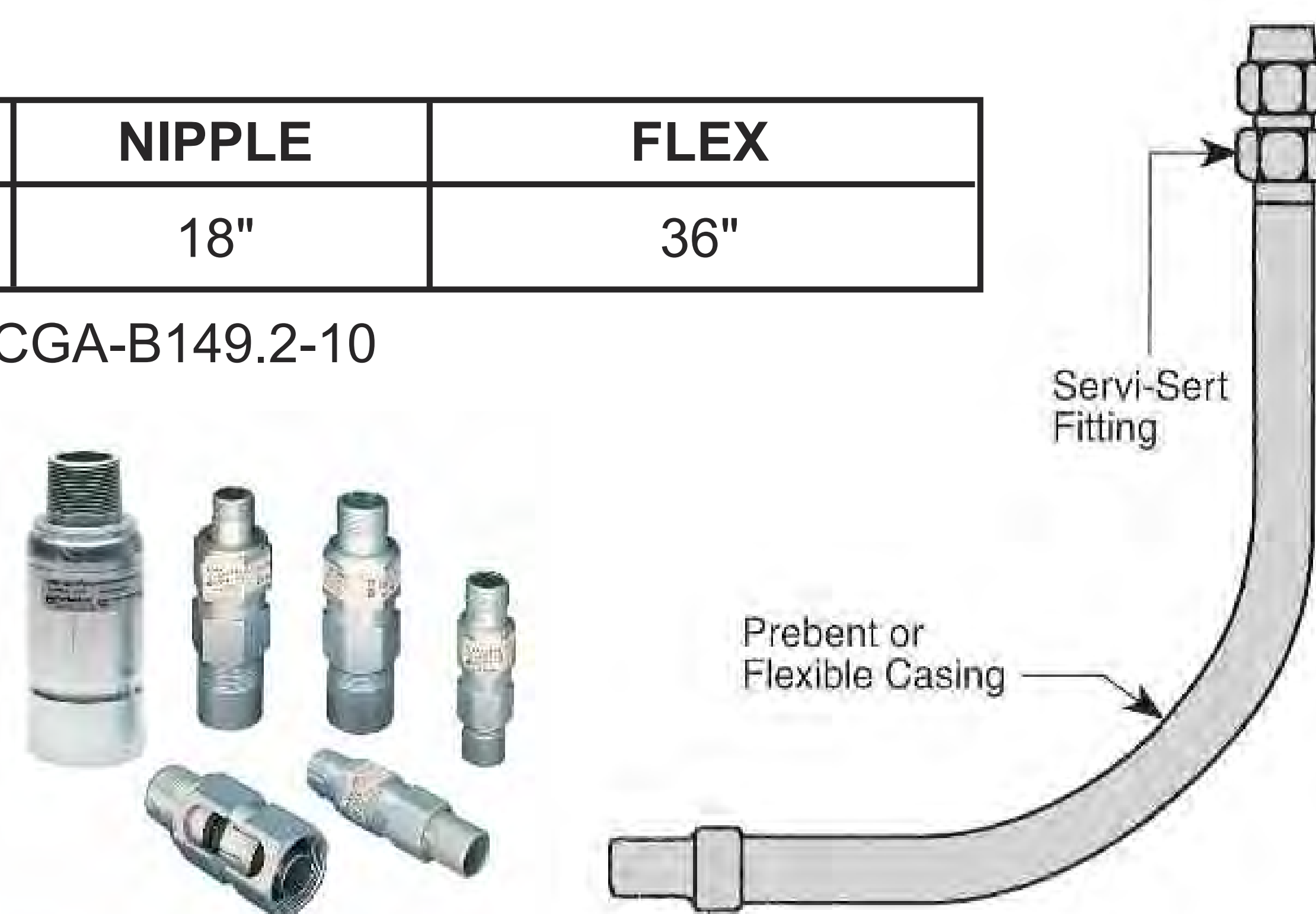
The Perfection Servi-Sert Riser gives permanent security in a top connected anodeless riser suitable for both new construction and insertion renewals. The one-piece Servi-Sert Fitting contains components which grip permanently and seal independently of each other. The Servi-Sert Riser is available in flexible and pre-bent styles to meet any application requirements. All it takes for permanent leakproof connection is insertion of the PE gas tube to the proper stab depth, according to our printed instructions, and a simple turn of a wrench. No more worries about proper torque requirements for temperature and plastic pipe density variations. Our unique metal-flex joint protects against separations. Simply chamfer, mark and stab in the pipe, turn the wrench, and forget it.

No ordinary top-connected riser can match Servi-Sert for safety and ease of installation. Meets or exceeds all applicable ASTM, ANSI, and D.O.T. requirements (ASTM D 2513, ANSI B1.20, ANSI B31.8, and D.O.T. 192.)

**STUB-FLEX W/ LINERS (Centering Sleeves)**

| PART No. | OUTLET | INLET  | SDR/Wall | NIPPLE | FLEX |
|----------|--------|--------|----------|--------|------|
| PF-71731 | 1" IPS | 1" IPS | SDR 11   | 18"    | 36"  |

\* Comply with NFPA-58, (Check Local Jurisdictions) and CAN/CGA-B149.2-10



**GALVANIZED RISER with SERVICE HEAD ADAPTER**

Fast and easy installation with no special tools. **Used in after meter applications (pool heaters and auxiliary buildings).** Meet or exceed the requirements of ASTM D-2513 category 1, ANSI B 1.20, ANSI B 31.8, US DOT part 192 and CSA B137.4

| PART No. | OUTLET | INLET      | SDR/ WALL   | Vertical / Horizontal | GALVANIZED CASING (Included) | SERVICE HEAD ADAPTER (Included) |
|----------|--------|------------|-------------|-----------------------|------------------------------|---------------------------------|
| PF-74059 |        |            | .099"/.103" | 24" V X 31" H         | Casing Only                  |                                 |
| PF-71151 | 1" NPT | 1-1/4" FPT |             |                       |                              | Adapter Only                    |





**BRACKETS:**

The Remote Meter Support Systems, Wall Brackets and Universal Brackets are constructed of 11 - gauge hot rolled commercial quality steel for corrosion-proof above and below ground use. They are coated in a thin film of gray epoxy. Even the washers, bolts and nuts are cadmium plated. All parts are packaged for easy storage and handling.



| PART No.             | SIZE             | DESCRIPTION                    | Nominal BUILDING OFFSET |
|----------------------|------------------|--------------------------------|-------------------------|
| PF-74506<br>PF-74500 | 3/4" - 2"<br>IPS | Wall<br>Brackets               | 4"<br>6"<br>9"          |
| PF-74440             | 3/4" - 2" IPS    | Universal Mount<br>Bracket Kit | Adjustable              |

**CHAMFERING TOOLS:**

Used for cutting a bevel on the end of the PE tube for easier insertion of permasert fittings. They work with the same principal as the old fashion pencil sharpener. You will note the chamfering tools for the 1/2" size have dual ends so one tool fits two different sizes of tube.

**PLASTIC CUTTERS:(SNIPPERS)**

There are two types, the simple scissor type for tube sizes 1/2" to 1". The super snippers ratchet type for tube up to 2" IPS. Both cutters can be used for various pipe or tube, they make clean cuts producing no particles which may clog orifices.



| PART No. | DESCRIPTION                        | SIZE                    |
|----------|------------------------------------|-------------------------|
| PF-51005 | CHAMFERING TOOL                    | 1/2" CTS X 1" CTS       |
| PF-51016 | CHAMFERING TOOL                    | 1/2" CTS X 3/4" IPS     |
| PF-51009 | CHAMFERING TOOL                    | 1" IPS X 3/4" IPS       |
| PF-51028 | CHAMFERING TOOL                    | 1-1/4" IPS X 1-1/4" CTS |
| PF-51040 | CHAMFERING TOOL                    | 2" IPS                  |
| PF-55227 | PLASTIC CUTTER (Replaces PF-55291) | 1/8" TO 2" IPS PE       |

**DIELECTRIC UNIONS:**

Dielectric Unions are used in commercial and residential applications to prevent accelerated corrosion and deterioration in the piping system due to galvanic and stray current. It is installed between pipes made from dissimilar metals, and features a female iron pipe thread to female brass pipe thread connection. It consists of a union nut, two tailpieces, and a gasket that separates the tailpieces to prevent an electric current from occurring. Ideal in applications such as hot water storage tanks, water and air conditioners, processing tanks, steam, gas, and water piping. Maximum Pressure: 250 psi.



| PART No.    | DESCRIPTION                | SIZE |
|-------------|----------------------------|------|
| PF-DU-104-E | DIELECTRIC UNION FPT X FPT | 3/4  |
| PF-DU-104-H | DIELECTRIC UNION FPT X FPT | 1    |



Cut the tube so that the end is square.



1 ▶

Wipe with a clean dry cloth. Inspect for scratches or gouges. If any, cut again so that the last 2 to 6 inch section, depending on size, has no surface defects.



2 ▶

Use the Perfection chamfering tool for a proper O.D. chamfer. This chamfer permits the tube to be completely stabbed without affecting the internal seals.



3 ▶

Use a soft felt-tip pen, crayon or grease pencil to mark the stab depth as indicated on your Permasert package instructions.



4 ▶

The stab depth is the approximate distance from the edge of the fusion bead to the end of the fitting body.

Stab the tube into the Permasert fitting so that the stab depth mark is visible within 1/8" of the end of the fitting on 1/2" and 1" CTS sizes, within



5 ▶

1/4" on all other sizes through 1-1/4" CTS, and approximately 3/8" on the 1-1/4" and 2" IPS sizes. The tube must bottom out in the fitting. Pressure test the joint in accordance with your standard procedures. The reference mark can move outward up to an additional 3/8" during pressure testing.

## Polyethylene Pipe and Tube (PE 2406/Yellow) Line Sizing Chart for LP Gas vapor

Line sizing for LP gas vapor between 1st and 2nd stage regulators allowing a pressure drop of 1 psi at 10 psi setting.

| Tube Length (ft)'                                          | 1/2" CTS<br>SDR 7 (.090") | 3/4" IPS<br>SDR11(.095") | 1" CTS<br>SDR 11.5(.099") | 1" IPS<br>SDR 11(.119") | 1-1/4" IPS<br>SDR 10 (.166") | 2" IPS<br>SDR 11(.216") |
|------------------------------------------------------------|---------------------------|--------------------------|---------------------------|-------------------------|------------------------------|-------------------------|
| <b>Maximum LP Gas vapor Capacity (thousands of Btu/hr)</b> |                           |                          |                           |                         |                              |                         |
| 10                                                         | 1406                      | 8940                     | 10803                     | 16486                   | 28912                        | 82488                   |
| 20                                                         | 944                       | 6001                     | 7252                      | 11067                   | 19409                        | 55373                   |
| 30                                                         | 747                       | 4753                     | 5744                      | 8766                    | 15372                        | 43858                   |
| 40                                                         | 634                       | 4029                     | 4868                      | 7429                    | 13029                        | 37171                   |
| 50                                                         | 557                       | 3544                     | 4282                      | 6535                    | 11460                        | 32695                   |
| 60                                                         | 502                       | 3191                     | 3856                      | 5884                    | 10319                        | 29441                   |
| 70                                                         | 459                       | 2920                     | 3529                      | 5385                    | 9444                         | 26944                   |
| 80                                                         | 425                       | 2704                     | 3268                      | 4987                    | 8746                         | 24953                   |
| 90                                                         | 397                       | 2527                     | 3054                      | 4661                    | 8173                         | 23319                   |
| 100                                                        | 374                       | 2379                     | 2874                      | 4387                    | 7693                         | 21948                   |
| 125                                                        | 329                       | 2092                     | 2528                      | 3858                    | 6766                         | 19305                   |
| 150                                                        | 296                       | 1884                     | 2277                      | 3474                    | 6093                         | 17384                   |
| 175                                                        | 271                       | 1724                     | 2084                      | 3180                    | 5576                         | 15909                   |
| 200                                                        | 251                       | 1597                     | 1930                      | 2945                    | 5164                         | 14733                   |
| 225                                                        | 235                       | 1492                     | 1803                      | 2752                    | 4826                         | 13768                   |
| 250                                                        | 221                       | 1405                     | 1697                      | 2590                    | 4542                         | 12959                   |
| 275                                                        | 209                       | 1330                     | 1607                      | 2452                    | 4300                         | 12268                   |
| 300                                                        | 199                       | 1265                     | 1528                      | 2332                    | 4090                         | 11669                   |
| 350                                                        | 182                       | 1157                     | 1399                      | 2134                    | 3743                         | 10680                   |
| 400                                                        | 169                       | 1072                     | 1295                      | 1976                    | 3467                         | 9890                    |

\*Total length of piping from outlet of first stage regulator to inlet of farthest second stage regulator.

**Note:** Polyethylene pipe/tube shall be limited to vapor service not exceeding 30 psig, and must be installed outdoors and underground.

The above numbers were calculated by using the Mueller formula for high pressure installations of smooth pipe such as plastic, copper, brass, etc. carrying gas at pressures greater than 1 psig.





# NATURAL GAS SIZING TABLES FOR PE PIPE

Maximum Capacity in Cubic Feet per Hour Natural Gas For Schedule 40 Pipe and Plastic Pipe, including Fittings.  
 Gas Pressure: 7 in. w.c. Pressure Drop: 0.5 in w.c.

| Pipe Length, ft | Pipe Size |      |     |        |        |       |        |        |        |
|-----------------|-----------|------|-----|--------|--------|-------|--------|--------|--------|
|                 | 1/2"      | 3/4" | 1"  | 1-1/4" | 1-1/2" | 2"    | 2-1/2" | 3"     | 4"     |
| 10              | 156       | 326  | 614 | 1,261  | 1,890  | 3,639 | 5,800  | 10,253 | 20,914 |
| 20              | 107       | 224  | 422 | 867    | 1,299  | 2,501 | 3,986  | 7,047  | 14,374 |
| 30              | 86        | 180  | 339 | 696    | 1,043  | 2,008 | 3,201  | 5,659  | 11,543 |
| 40              | 74        | 154  | 290 | 596    | 893    | 1,719 | 2,740  | 4,843  | 9,879  |
| 50              | 65        | 137  | 257 | 528    | 791    | 1,524 | 2,428  | 4,293  | 8,756  |
| 60              | 59        | 124  | 233 | 478    | 717    | 1,380 | 2,200  | 3,889  | 7,933  |
| 70              | 54        | 114  | 214 | 440    | 659    | 1,270 | 2,024  | 3,578  | 7,299  |
| 80              | 51        | 106  | 199 | 409    | 613    | 1,181 | 1,883  | 3,329  | 6,790  |
| 90              | 48        | 99   | 187 | 384    | 576    | 1,109 | 1,767  | 3,123  | 6,371  |
| 100             | 45        | 94   | 177 | 363    | 544    | 1,047 | 1,669  | 2,950  | 6,018  |
| 125             | 40        | 83   | 157 | 322    | 482    | 928   | 1,479  | 2,615  | 5,333  |
| 150             | 36        | 75   | 142 | 291    | 437    | 841   | 1,340  | 2,369  | 4,832  |
| 175             | 33        | 69   | 131 | 268    | 402    | 774   | 1,233  | 2,180  | 4,446  |
| 200             | 31        | 64   | 121 | 249    | 374    | 720   | 1,147  | 2,028  | 4,136  |
| 250             | 27        | 57   | 108 | 221    | 331    | 638   | 1,017  | 1,797  | 3,666  |
| 300             | 25        | 52   | 98  | 200    | 300    | 578   | 921    | 1,628  | 3,321  |
| 350             | 23        | 48   | 90  | 184    | 276    | 532   | 847    | 1,498  | 3,056  |
| 400             | 21        | 44   | 83  | 171    | 257    | 495   | 788    | 1,394  | 2,843  |
| 450             | 20        | 42   | 78  | 161    | 241    | 464   | 740    | 1,308  | 2,667  |
| 500             | 19        | 39   | 74  | 152    | 228    | 438   | 699    | 1,235  | 2,519  |
| 600             | 17        | 36   | 67  | 138    | 206    | 397   | 633    | 1,119  | 2,283  |
| 700             | 16        | 33   | 62  | 127    | 190    | 365   | 582    | 1,030  | 2,100  |
| 800             | 15        | 30   | 57  | 118    | 177    | 340   | 542    | 958    | 1,954  |
| 900             | 14        | 29   | 54  | 111    | 166    | 319   | 508    | 899    | 1,833  |
| 1000            | 13        | 27   | 51  | 104    | 156    | 301   | 480    | 849    | 1,732  |
| 1200            | 12        | 24   | 46  | 95     | 142    | 273   | 435    | 769    | 1,569  |
| 1400            | 11        | 23   | 42  | 87     | 130    | 251   | 400    | 708    | 1,443  |
| 1600            | 10        | 21   | 39  | 81     | 121    | 234   | 372    | 658    | 1,343  |
| 1800            | 9         | 20   | 37  | 76     | 114    | 219   | 349    | 618    | 1,260  |
| 2000            | 9         | 19   | 35  | 72     | 108    | 207   | 330    | 583    | 1,190  |

This information is provided by Fairview Ltd. for reference only. Gas systems are governed by authorities having local jurisdiction and are subject to applicable Provincial \ State and Municipal Laws and Regulations. This document should not be substituted for the judgement of a professional engineer. The user of this information assumes all risk associated with its use.

Gas Pressure: 7-14 in. w.c. Pressure Drop: 1.0 in w.c.

| Pipe Length, ft | Pipe Size |      |     |        |        |       |        |        |        |
|-----------------|-----------|------|-----|--------|--------|-------|--------|--------|--------|
|                 | 1/2"      | 3/4" | 1"  | 1-1/4" | 1-1/2" | 2"    | 2-1/2" | 3"     | 4"     |
| 10              | 227       | 474  | 894 | 1,835  | 2,749  | 5,295 | 8,439  | 14,919 | 30,429 |
| 20              | 156       | 326  | 614 | 1,261  | 1,890  | 3,639 | 5,800  | 10,253 | 20,914 |
| 30              | 125       | 262  | 493 | 1,013  | 1,517  | 2,922 | 4,658  | 8,234  | 16,795 |
| 40              | 107       | 224  | 422 | 867    | 1,299  | 2,501 | 3,986  | 7,047  | 14,374 |
| 50              | 95        | 199  | 374 | 768    | 1,151  | 2,217 | 3,533  | 6,246  | 12,739 |
| 60              | 86        | 180  | 339 | 696    | 1,043  | 2,008 | 3,201  | 5,659  | 11,543 |
| 70              | 79        | 166  | 312 | 640    | 959    | 1,848 | 2,945  | 5,206  | 10,619 |
| 80              | 74        | 154  | 290 | 596    | 893    | 1,719 | 2,740  | 4,843  | 9,879  |
| 90              | 69        | 145  | 272 | 559    | 837    | 1,613 | 2,571  | 4,544  | 9,269  |
| 100             | 65        | 137  | 257 | 528    | 791    | 1,524 | 2,428  | 4,293  | 8,756  |
| 125             | 58        | 121  | 228 | 468    | 701    | 1,350 | 2,152  | 3,805  | 7,760  |
| 150             | 52        | 110  | 207 | 424    | 635    | 1,223 | 1,950  | 3,447  | 7,031  |
| 175             | 48        | 101  | 190 | 390    | 584    | 1,126 | 1,794  | 3,171  | 6,469  |
| 200             | 45        | 94   | 177 | 363    | 544    | 1,047 | 1,669  | 2,950  | 6,018  |
| 250             | 40        | 83   | 157 | 322    | 482    | 928   | 1,479  | 2,615  | 5,333  |
| 300             | 36        | 75   | 142 | 291    | 437    | 841   | 1,340  | 2,369  | 4,832  |
| 350             | 33        | 69   | 131 | 268    | 402    | 774   | 1,233  | 2,180  | 4,446  |
| 400             | 31        | 64   | 121 | 249    | 374    | 720   | 1,147  | 2,028  | 4,136  |
| 450             | 29        | 61   | 114 | 234    | 351    | 675   | 1,076  | 1,903  | 3,881  |
| 500             | 27        | 57   | 108 | 221    | 331    | 638   | 1,017  | 1,797  | 3,666  |
| 600             | 25        | 52   | 98  | 200    | 300    | 578   | 921    | 1,628  | 3,321  |
| 700             | 23        | 48   | 90  | 184    | 276    | 532   | 847    | 1,498  | 3,056  |
| 800             | 21        | 44   | 83  | 171    | 257    | 495   | 788    | 1,394  | 2,843  |
| 900             | 20        | 42   | 78  | 161    | 241    | 464   | 740    | 1,308  | 2,667  |
| 1000            | 19        | 39   | 74  | 152    | 228    | 438   | 699    | 1,235  | 2,519  |
| 1200            | 17        | 36   | 67  | 138    | 206    | 397   | 633    | 1,119  | 2,283  |
| 1400            | 16        | 33   | 62  | 127    | 190    | 365   | 582    | 1,030  | 2,100  |
| 1600            | 15        | 30   | 57  | 118    | 177    | 340   | 542    | 958    | 1,954  |
| 1800            | 14        | 29   | 54  | 111    | 166    | 319   | 508    | 899    | 1,833  |
| 2000            | 13        | 27   | 51  | 104    | 156    | 301   | 480    | 849    | 1,732  |

This information is provided by Fairview Ltd. for reference only. Gas systems are governed by authorities having local jurisdiction and are subject to applicable Provincial \ State and Municipal Laws and Regulations. This document should not be substituted for the judgement of a professional engineer. The user of this information assumes all risk associated with its use.



2070  
INTERNAL  
PRESSURE RELIEF  
VALVE

2075

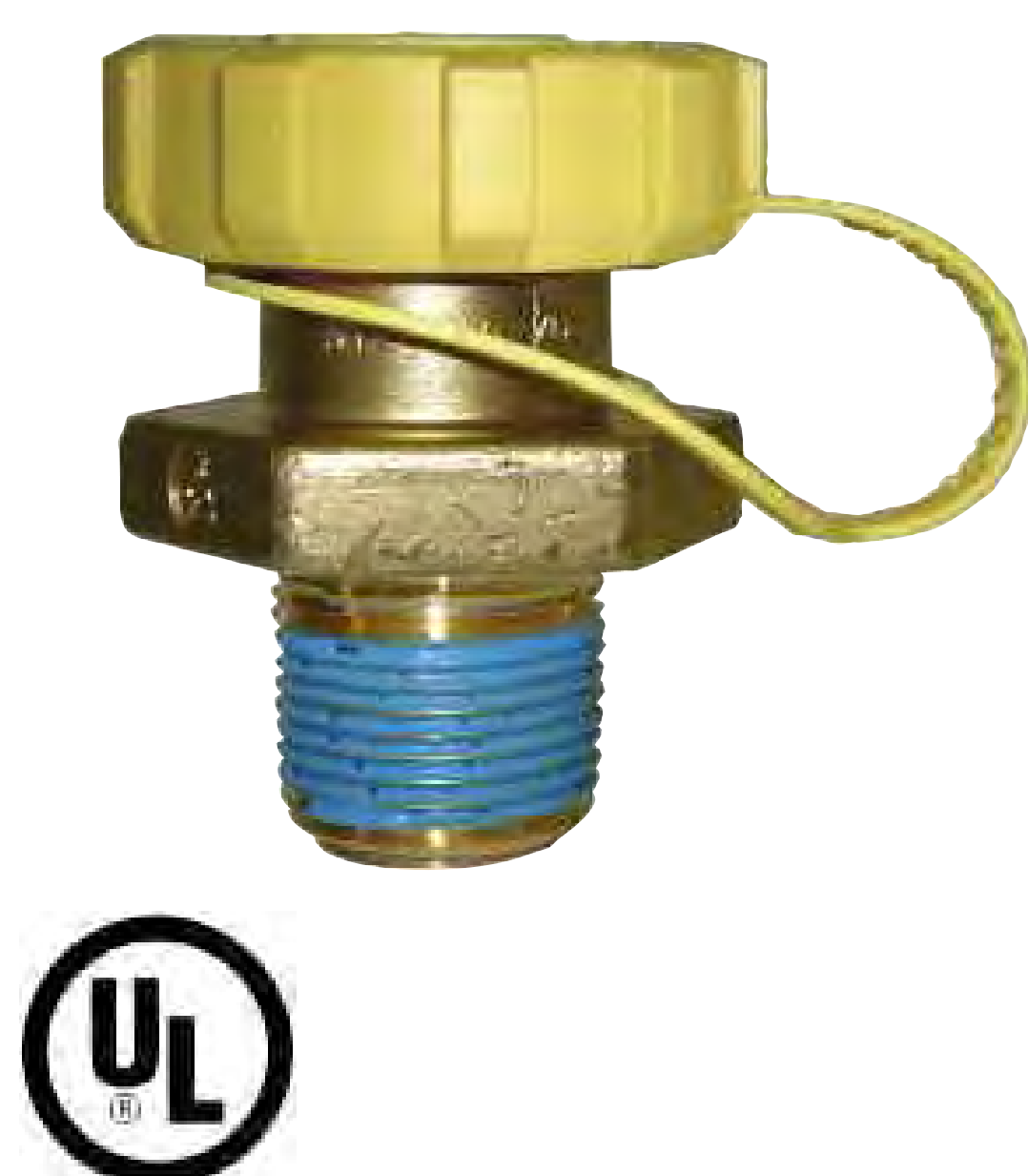
2088  
2089  
CHECK CONNECTORS

2065  
FIXED LIQUID  
LEVEL GAUGE

2047  
DOUBLE BACK  
CHECK FILLER  
VALVE

For our complete line of Cylinder Valves, ACME L.P.G. Adapters and Connectors see our Propane and Natural Gas Products Catalog or [www.fairviewfittings.com](http://www.fairviewfittings.com)

## DOUBLE BACK CHECK FILLER VALVES



Series 2047 is designed to furnish fast filling of lift truck, motor fuel and recreational vehicle tanks. Large hex lower body allows a socket to be used for easy installation. Quick filling capacity. One piece body minimizes leak potential. Cap and strap provided with each valve.

| PART No. | Inlet Connection (IN.) | Outlet Connection (IN.) | Wrench Flats (IN.) |
|----------|------------------------|-------------------------|--------------------|
| 2047     | 3/4"-14 NPT            | 1-3/4" ACME             | 1-3/4"             |



## LIFT TRUCK CYLINDER RELIEF VALVE



Designed specifically for use as a primary relief valve on DOT lift truck cylinders. All containers used in industrial truck service, including lift truck cylinders, should have the relief valve replaced with a new or unused valve within 12 years of the manufacture date of the container and each 10 years thereafter. Can be used on cylinders up to 100 lbs. LP-Gas capacity.

| PART No. | Inlet Connection (IN.) | Pressure Setting (PSIG) |
|----------|------------------------|-------------------------|
| 2070     | 3/4 - 14 NPT           | 375                     |

## LIFT TRUCK AND ENGINE FUEL VALVE



### DOT Lift truck Service Valve

Designed to allow either vapor or liquid withdrawal. Integral excess flow valve helps prevent excess product loss in the event of fuel line rupture. Must be used in a cylinder with an independent pressure relief valve sufficient for cylinder's capacity. Stem design features a double O-Ring seal to provide extra protection from leakage. Extra low profile reduces potential for valve and handwheel damage when cylinders are stacked on each other.

| PART No. | Inlet Connection (IN.) | Outlet Connection (IN.) | Excess Flow Valve | For Service Marked |
|----------|------------------------|-------------------------|-------------------|--------------------|
| 2075     | 3/4"-14 NPT            | 3/8-18" NPT             | 1.6 GPM           | Liquid             |

## FIXED LIQUID LEVEL GAUGES



Large knurled knob for easy gripping when wearing gloves. Knurled knob is retained to prevent dropping or lost plugs during fillings. Designed to provide a visible warning when containers are filled to the maximum permitted filling level.

| PART No. | Inlet Connection (IN.) | Diptube Length (IN.) | Service  |
|----------|------------------------|----------------------|----------|
| 2065     | 1/4" NPT               | None                 | Cylinder |

## LIFT TRUCK BACK CHECK CONNECTORS



2088



2089

These quick closing couplings are designed to join the carburetion fuel line to the service valve on motor fuel type applications. ACME thread allows quick hand-tight assembly. Back checks automatically close when disconnected. UL Listed

| PART No.    | Inlet Connection      | Outlet Connection | Application   |
|-------------|-----------------------|-------------------|---------------|
| 2089        | 3/8" FNPT             | 1-1/4" M ACME     | Service Valve |
| 2088        | 1-1/4" F ACME         | 1/4" FNPT         | Fuel Line     |
| 2089-GASKET | Secondary Gasket Seal |                   |               |
| 2089-OR     | Primary Gasket Seal   |                   |               |



**LIFT TRUCK TANKS DESIGNED FOR MOTOR FUEL USES ONLY**

**NOTE: DUE TO STEWARDSHIP ONTARIO RULES, FAIRVIEW CAN NO LONGER OFFER PROPANE CYLINDERS FOR SALE THROUGH OUR MISSISSAUGA ONTARIO LOCATION.**



**Features:**

| FOUR PORT (-4)                                               | FIVE PORT (-5)                                               |
|--------------------------------------------------------------|--------------------------------------------------------------|
| SERVICE VALVE COMPLETE WITH QUICK DISCONNECT SAFETY COUPLER. | SERVICE VALVE COMPLETE WITH QUICK DISCONNECT SAFETY COUPLER. |
| SAFETY RELIEF VALVE.                                         | SAFETY RELIEF VALVE.                                         |
| 10% OUTAGE.                                                  | 10% OUTAGE.                                                  |
| FILLER VALVE.                                                | FILLER VALVE.                                                |
|                                                              | PLUGGED VAPOR SERVICE OPENING.                               |

**ALUMINUM (STACKABLE)**



| PART No.  | Propane Capacity Lbs. | Water Capacity Lbs. | Liquid or Vapor | Full Empty Gauge | Approx. Height (IN.) | Approx. Dia. (IN.) | Tare Weight Lbs. |
|-----------|-----------------------|---------------------|-----------------|------------------|----------------------|--------------------|------------------|
| PTALT33-5 | 33-1/2                | 80                  | L               | Universal        | 28-1/4               | 12-1/2             | 23.5             |

**SAFETY CONNECTOR AND FAST FILL VALVE INCLUDED**

TO ORDER WITHOUT FAST-FILL VALVE SUFFIX PART NUMBER WITH "B". EXAMPLE: PTALT33-5B

**STEEL (STACKABLE)**



| PART No.  | Propane Capacity Lbs. | Water Capacity Lbs. | Liquid or Vapor | Full Empty Gauge | Approx. Height (IN.) | Approx. Dia. (IN.) | Tare Weight Lbs. |
|-----------|-----------------------|---------------------|-----------------|------------------|----------------------|--------------------|------------------|
| PTSLT33-4 | 33-1/2                | 80                  | L               | Universal        | 28-1/4               | 12-1/2             | 34.5             |
| PTSLT43-4 | 43-1/2                | 103.6               | L               | Universal        | 34-1/8               | 12-1/2             | 40               |

**SAFETY CONNECTOR AND FAST FILL VALVE INCLUDED**

TO ORDER WITHOUT FAST-FILL VALVE SUFFIX PART NUMBER WITH "B". EXAMPLE: PTSLT33-4B



## PORTABLE L.P. TANKS (STEEL)

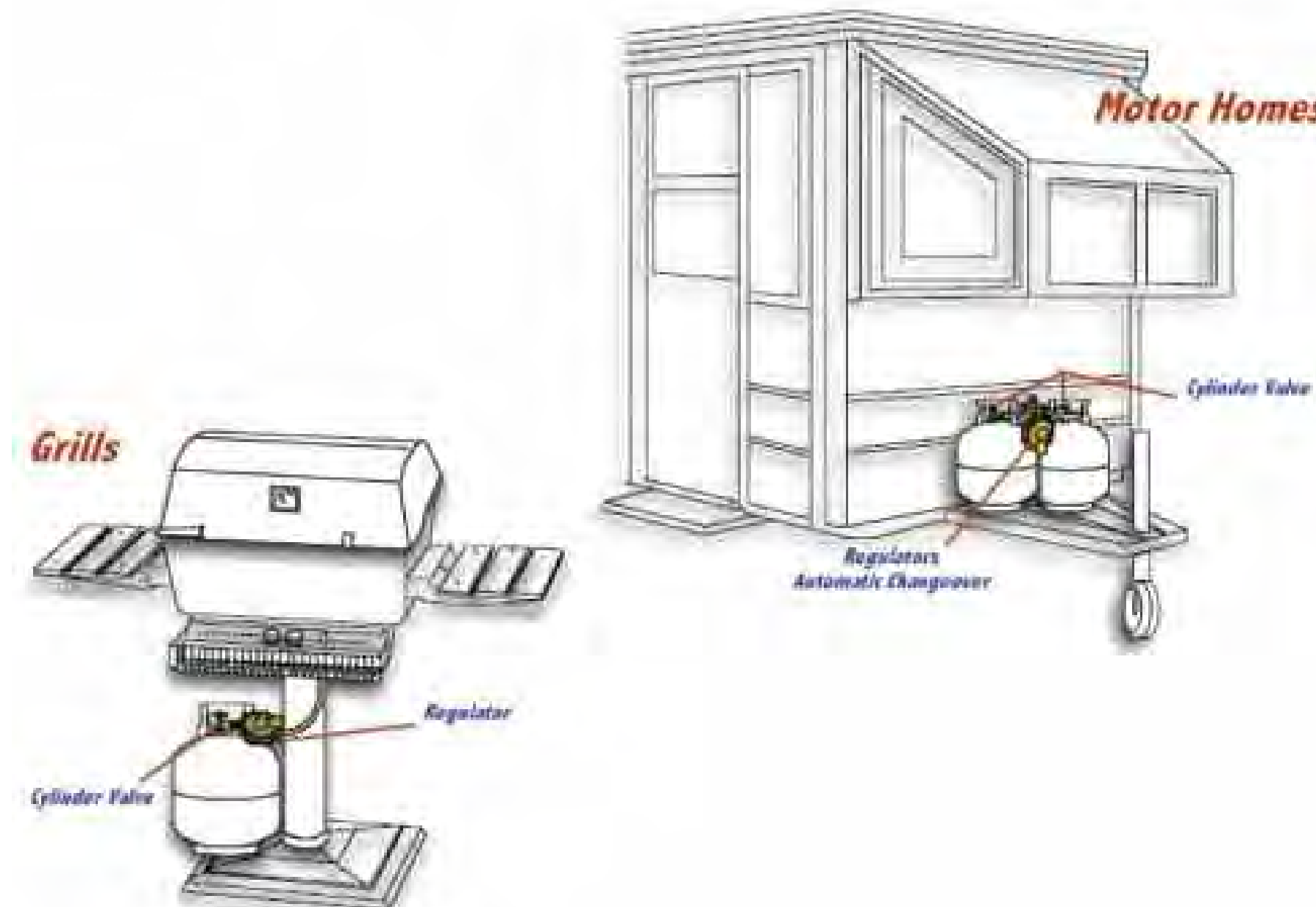
**NOTE: DUE TO STEWARDSHIP ONTARIO RULES, FAIRVIEW CAN NO LONGER OFFER PROPANE CYLINDERS FOR SALE THROUGH OUR MISSISSAUGA ONTARIO LOCATION.**

- CAMPING
- GAS GRILLS
- HEATING AND COMMERCIAL-INDUSTRIAL APPLICATIONS
- COOKING
- RECREATION VEHICLES

| PART No.   | Propane Capacity Lbs. | Water Capacity Lbs. | Liquid or Vapor | Service Connection    | Approx. Height (IN.) | Approx. Dia. (IN.) | Tare Weight Lbs. |
|------------|-----------------------|---------------------|-----------------|-----------------------|----------------------|--------------------|------------------|
| PTS5-1OPD  | 4-1/4                 | 10.2                | V               | 1-5/16 M Acme & F.POL | 10-7/8               | 9-1/4              | 10-1/2           |
| PTS10-1OPD | 11                    | 26.2                | V               | 1-5/16 M Acme & F.POL | 16-3/4               | 9-1/4              | 13-1/4           |
| PTS20-1OPD | 20                    | 47.7                | V               | 1-5/16 M Acme & F.POL | 17-5/8               | 12-3/8             | 18               |
| PTS30-1OPD | 30                    | 71.5                | V               | 1-5/16 M Acme & F.POL | 23-3/4               | 12-3/8             | 25-1/2           |



PART No. 2081



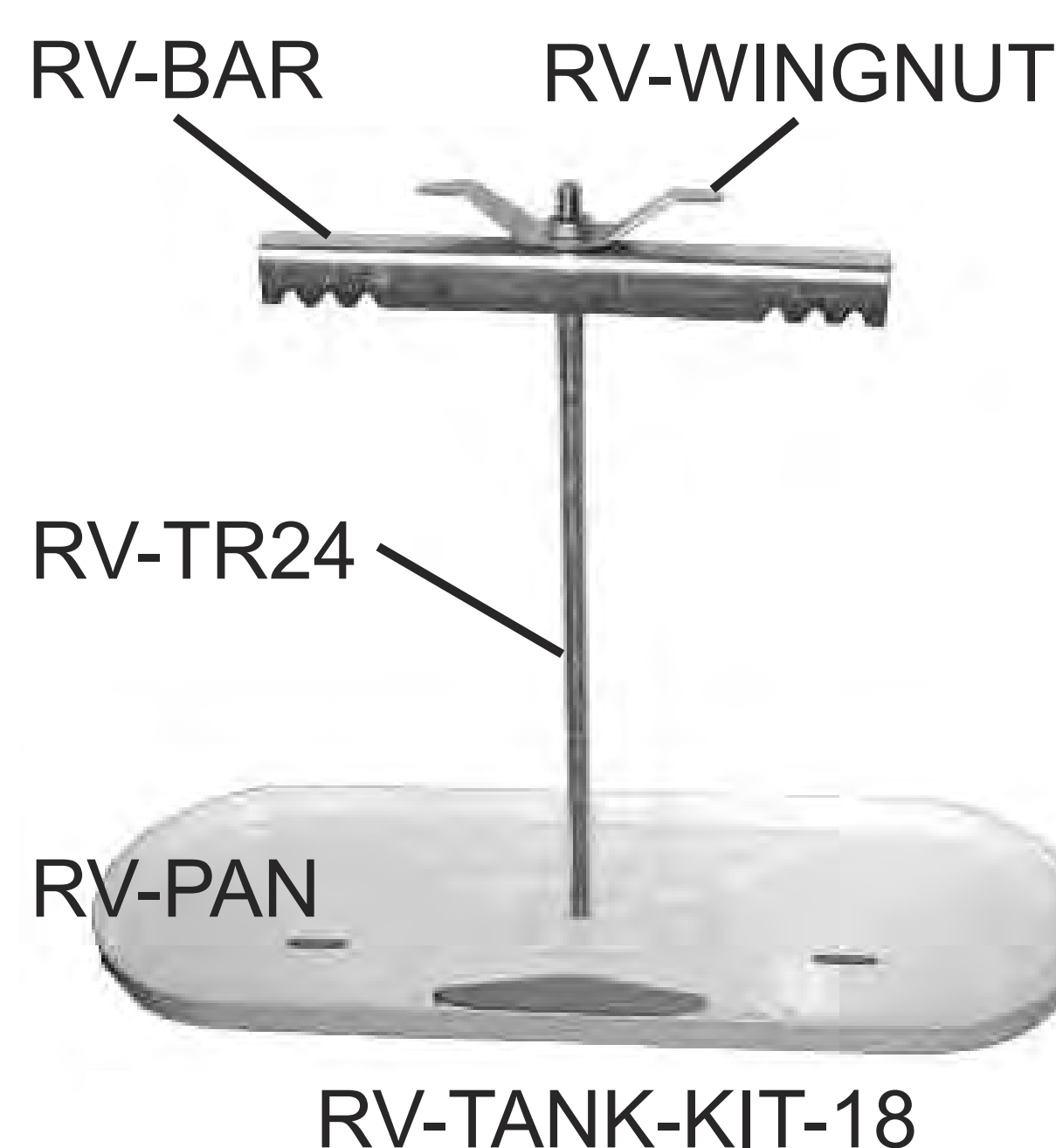
## HEATING - COOKING - INDUSTRIAL L.P. TANKS (STEEL)

| PART No.   | Propane Capacity Lbs. | Water Capacity Lbs. | Liquid or Vapor | Service Connection | Approx. Height (IN.) | Approx. Dia. (IN.) | Tare Weight Lbs. |
|------------|-----------------------|---------------------|-----------------|--------------------|----------------------|--------------------|------------------|
| PTS60-1    | 60                    | 142.8               | V               | Female POL         | 41-13/16             | 12-3/16            | 48               |
| PTS100-1   | 100                   | 240                 | V               | Female POL         | 50-3/8               | 14-3/4             | 77               |
| PTS420-1FG | 420                   | 1000                | V               | Female POL         | 58-1/4               | 30                 | 315              |

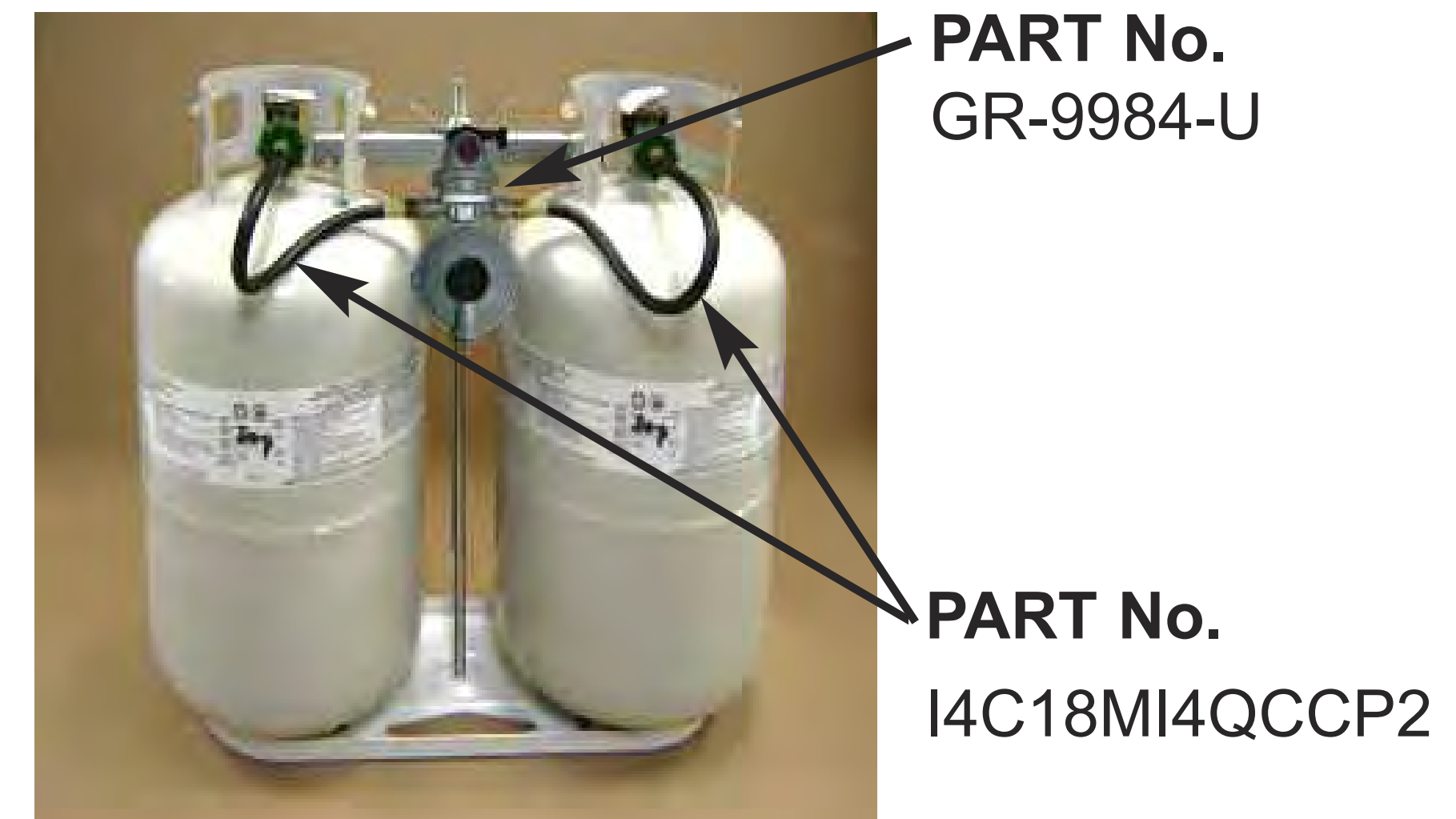


| SUFFIX | DESCRIPTION                   |
|--------|-------------------------------|
| -1     | With Fixed Liquid Level Gauge |
| FG     | Float Gauge                   |
| M      | Multi-Purpose Valve           |

## RECREATIONAL VEHICLE TANK PANS



| PART No.       | DESCRIPTION             |
|----------------|-------------------------|
| RV-TANK-KIT-18 | Kit for 20 LB. tanks    |
| RV-TANK-KIT-24 | Kit for 30 LB. tanks    |
| RV-TR24        | Threaded bar for 30 LB. |
| RV-BAR         | Top hold down bar       |
| RV-PAN         | Double tank pan         |
| RV-WINGNUT     | Galvanized wingnut      |



For Complete Packages with Hose Assemblies and R.V. Regulators. See Page: 132





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IN THIS SECTION**

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- John Guest Tools ..... 258
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**TOOLS & ACCESSORIES**

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AIR GUNS AND WANDS .....254

BEND PROTECTORS .....262

FIFTH WHEEL SLIDER CYLINDER .....248

FLARING TOOLS .....259

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THREAD SEALANTS .....260

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TUBE BENDERS .....259

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UNIVERSAL SWIVELS 360° .....254

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**AIR SHIFT SOLENOIDS**  
 Note: Must Be Mounted In Upright Position.



- 2 Ports - 1/4 Female NPT
- 1 Vent
- 0 - 120 P.S.I.
- 12 Volt D.C.
- Electrically Actuated

**PART No.**  
SV-120B12V

**Description**  
NORMALLY CLOSED

**3 WAY DIRECTIONAL CONTROL**



- 3 Ports - 1/4 Female NPT
- 0 - 100 P.S.I.
- 12 Volt D.C.
- Electrically Actuated

**PART No.**  
SV-100B12V30

**Description**  
NORMALLY OPEN

**AIR CONTROL PRESSURE REGULATORS**



- Inlet-outlet - 1/4 NPT
- Gauge ports - 1/8 NPT
- Max. flow range 51 to 75 cfm
- Adjustment range - Regulators 0 - 140 PSI
- Max. inlet pressure 250 PSIG
- Relieving type
- Standard knob

**PART No.**  
R16-02-000

**Description**  
Pressure Regulator 3.5" in height



- Inlet-outlet - 3/8 NPT
- Gauge ports - 1/8 NPT
- Max. flow range 101 to 200 cfm
- Adjustment range - Regulators 0 - 140 PSI
- Max. inlet pressure 250 PSIG
- Relieving type
- Standard knob

**PART No.**  
R16-03-000

**Description**  
Pressure Regulator 5.5" in height

**HEAVY DUTY TRUCK TIRE PRESSURE GAUGES**



Maintaining proper tire pressure improves mileage, reduces tire wear and increase driving safety.

| PART No. | Pressure Range | Wand Length |
|----------|----------------|-------------|
| TPG-1    | 0-160 psi      | 6"          |
| TPG-2    | 0-160 psi      | 12"         |

- Dual Foot filler valve.
- Exceeds Standard ANSI-ASME B-40.1 Grade B requirements for 2% accuracy.
- Highly shock resistant.
- Features Bleeder Valve, which holds pressure until released. (-2)



**TPG-2 Wand allows for a full 12 inch extended reach.**

**FIFTH WHEEL SLIDER CYLINDER**



**PART No. FW-CYLINDER-1**

- Port Size: 1/4" NPT
- Shaft Size: 5/8" Diameter
- Clevis Hole: 17/32"
- Retracted Length: 12.75"
- Extended Length: 19.25"
- Operating Pressure: 100 PSI
- Max. Operating Pressure: 125 PSI
- Stroke: 6.5"





**PART No.:** T95-B

**CONSTRUCTION:**

Cast iron head, single barber jet with flash protection, steel stem. Neoprene hand grip and needle valve

**BTU RATING:** 208,000 BTU @ 30lbs. P.S.I

**LENGTH:** 28 inches



**PART No.:** T445

**CONSTRUCTION:**

Copper bronze head, single barber jet with flash protection, steel stem. Neoprene hand grip and needle valve.

**BTU RATING:** 208,000 BTU @ 30lbs. P.S.I

**LENGTH:** 16 inches



**PART No.:** W80

**CONSTRUCTION:**

Cast iron head, brass valve, orifice and bushings. 1/2" Standard pipe manifold with comfort hand grip

**BTU RATING:** 220,000 BTU @ 30lbs. P.S.I

**LENGTH:** 26 inches



**PART No.:** ST3

**CONSTRUCTION:**

Welded Steel Heads, Brass Orifice, Needle Valve with Steel Stem and Non Slip Steel Handle

**BTU RATING:** 375,000 BTU @ 40lbs. P.S.I

**LENGTH:** 32 inches

**FOR COMPLETE TORCH KITS AND OR TORCH ASSEMBLIES SEE PAGES 251 - 252**

**Safety Tips for Hand-held Torches.**

Hand-held torches fuelled by 9.1-kg (20-lb) propane cylinders are used for many operations in the roofing industry, such as melting snow and ice, drying roof decks, and heat sealing.

- 1) Never leave torches ignited and unattended.
- 2) Make sure the cylinder is securely braced or tied so that it can't fall or be knocked over.
- 3) Use only approved high-pressure hoses to connect torches to regulators.
- 4) Operate the torch at the manufacturer's recommended pressure.
- 5) Never direct the flame at, near or toward the cylinder.
- 6) Never use hand-held torches inside a building.



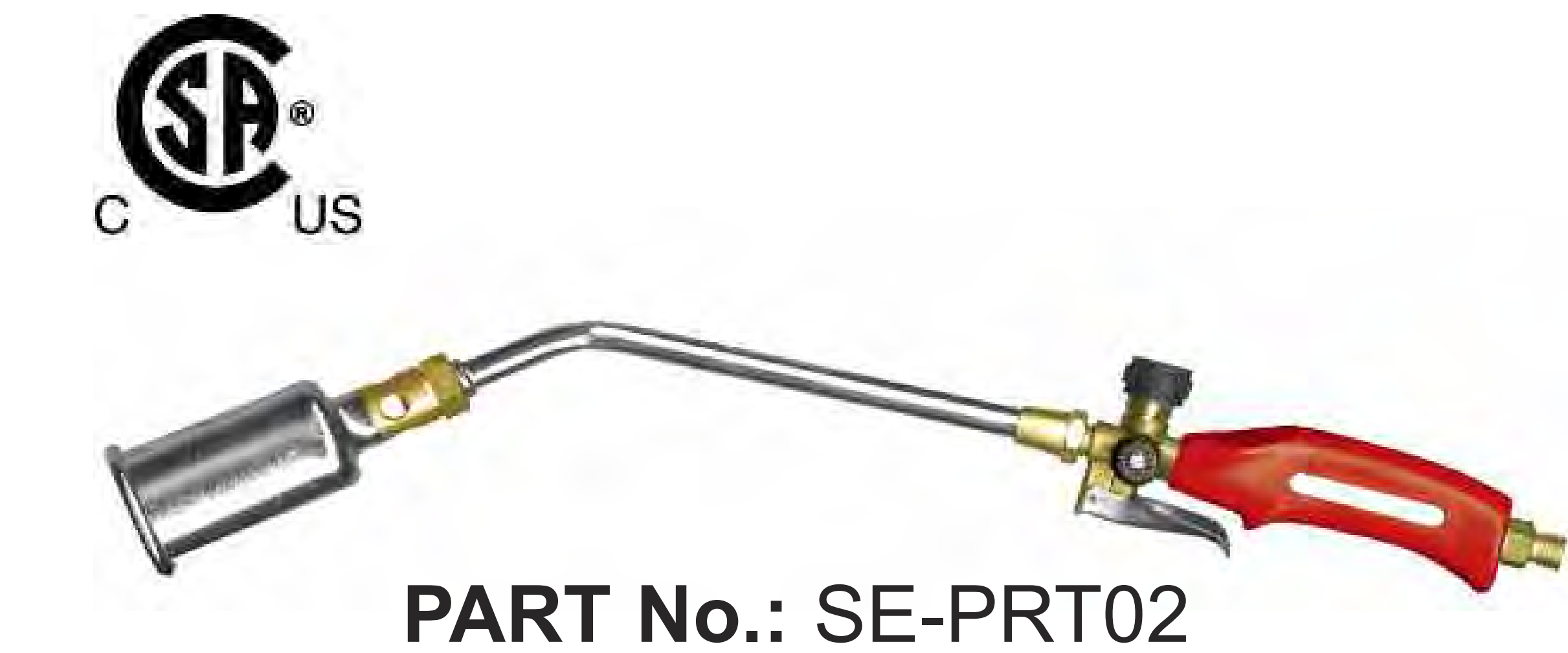
**ROOFING TORCHES**



**CONSTRUCTION:**  
Chromed steel head with reinforced lip, chromed stem with 40° bend, E-Z Grip handle with pilot and needle valve with trigger.

**BTU RATING:** 180,000 BTU @ 30 P.S.I.

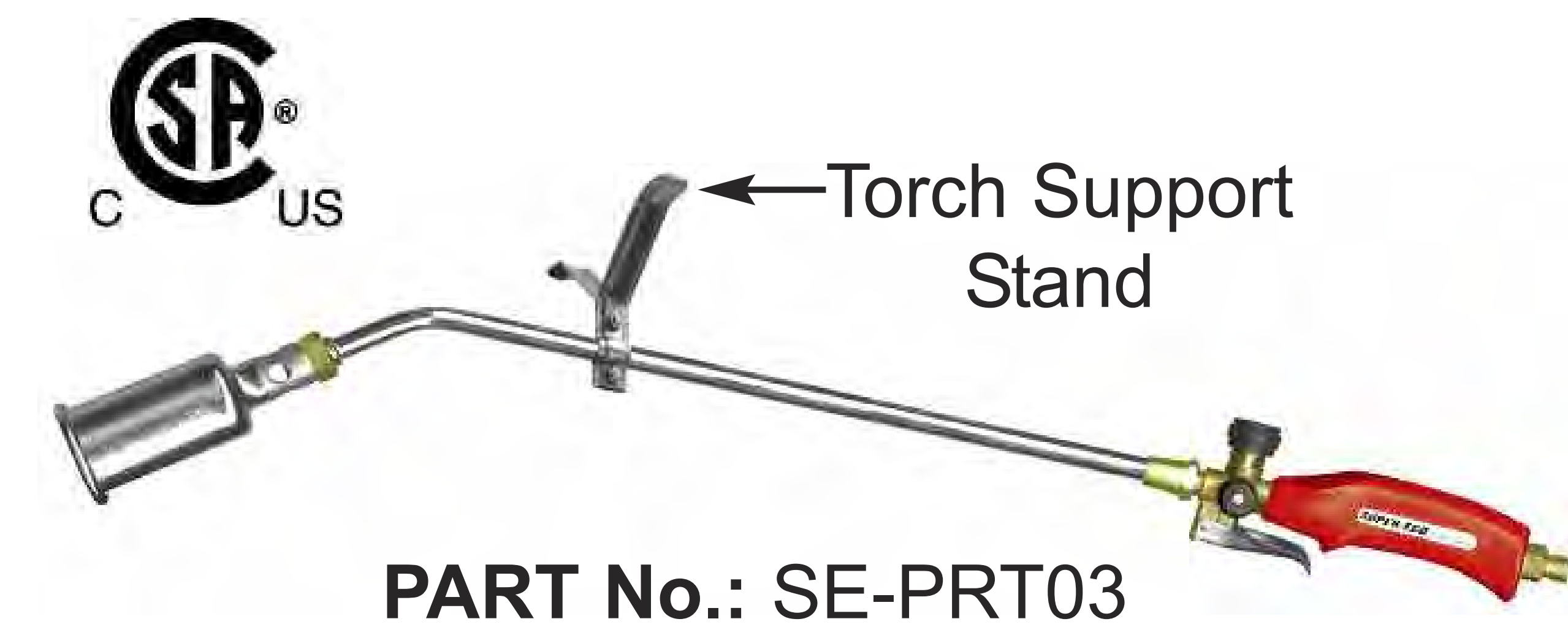
**LENGTH:** 35 inches



**CONSTRUCTION:**  
Chromed steel anti-wind burner head with reinforced lip and chromed stem with 40° bend. E-Z Grip handle with pilot and needle valve with trigger.

**BTU RATING:** 200,000 BTU @ 60 P.S.I.

**LENGTH:** 21 inches



**CONSTRUCTION:**  
Chromed steel anti-wind burner head with reinforced lip and chromed stem with 40° bend. E-Z Grip Handle with pilot and needle valve with trigger.

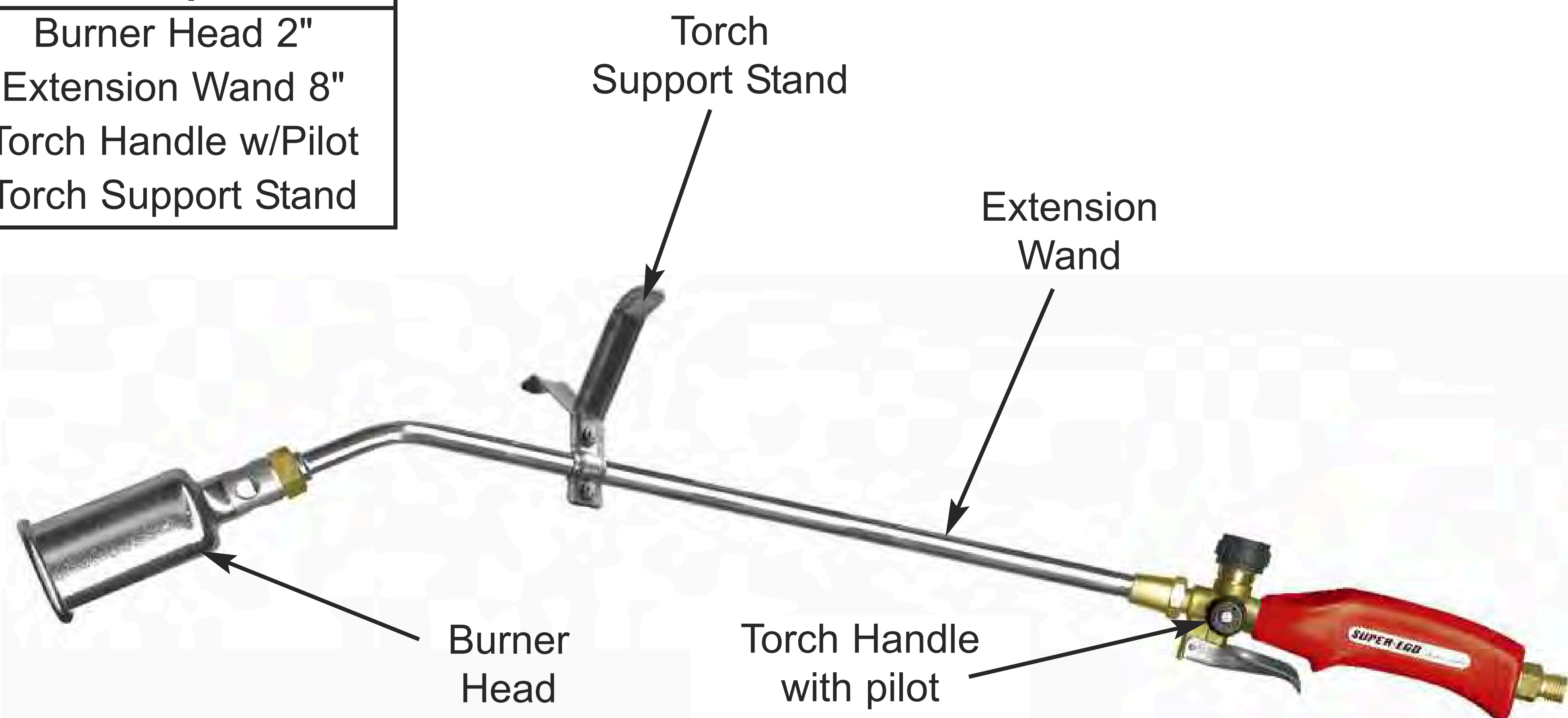
**BTU RATING:** 260,000 BTU @ 60 P.S.I.

**LENGTH:** 27 inches

**ROOFING TORCH REPLACEMENT COMPONENTS**

| PART No. | Description          |
|----------|----------------------|
| SE-BH03  | Burner Head 2"       |
| SE-EW8   | Extension Wand 8"    |
| SE-THP01 | Torch Handle w/Pilot |
| SE-TSS01 | Torch Support Stand  |

The components listed above are for the SE-PRT series of torches.





28" OAL Torch



**PART No.**  
I4C180FWGR330POLHN  
15 FT. Assembly

**PART No.:** T95-B KIT

T95-B KIT-10 (with 10 Ft. Assy.)  
T95-B KIT-20 (with 20 Ft. Assy.)  
T95-B KIT-25 (with 25 Ft. Assy.)

**KIT CONTAINS:**

- | QTY. | Item                                              |
|------|---------------------------------------------------|
| 1    | Burner Torch (PART No. T95-B)                     |
| 1    | 15 Ft. Type I Hose Assembly (PART No. I4C180FWFW) |
| 1    | Regulator & P.O.L. 0-30 PSI (PART No. GR-338)     |
| 1    | Brass welding adapter (PART No. 135-LB)           |
- Hose, Adapter & Regulator Fully Assembled and Ready for Service. • Custom Configurations Available.

26" OAL Torch



**PART No.**  
I4C180FWGR330POLHN  
15 FT. Assembly

**PART No.:** W80-KIT

**KIT CONTAINS:**

- | QTY. | Item                                              |
|------|---------------------------------------------------|
| 1    | Burner Torch (PART No. W80)                       |
| 1    | 15 Ft. Type I Hose Assembly (PART No. I4C180FWFW) |
| 1    | Regulator & P.O.L. 0-30 PSI (PART No. GR-338)     |
| 1    | Brass welding adapter (PART No. 135-LB)           |
- Hose, Adapter & Regulator Fully Assembled and Ready for Service. • Custom Configurations Available.

27" OAL Torch



**PART No.:** SE-PRT03 KIT

**KIT CONTAINS:**

- | QTY. | Item                                              |
|------|---------------------------------------------------|
| 1    | Field Torch (PART No. SE-PRT03)*                  |
| 1    | 25 Ft. Type I Hose Assembly (PART No. I4C300FWFW) |
| 1    | Regulator & P.O.L. 0-60 PSI (PART No. GR-368)     |
| 1    | Brass welding adapter. (PART No. 135-LB)          |
| 1    | Torch Stand                                       |
| 1    | Flint Lighter                                     |
- Hose, Adapter & Regulator Fully Assembled and Ready for Service.

**PART No.**  
\*SEPRT03 27" OAL Field Torch



**PART No.**  
\*\*SEPRT02 21" OAL Detail Torch

**PART No.:** SE-PRT04 KIT

**KIT CONTAINS:**

- | QTY. | Item                                              |
|------|---------------------------------------------------|
| 1    | Field Torch (PART No. SE-PRT03)*                  |
| 1    | Detail Torch (PART No. SE-PRT02)**                |
| 1    | 25 Ft. Type I Hose Assembly (PART No. I4C300FWFW) |
| 1    | Regulator & P.O.L. 0-60 PSI (PART No. GR-368)     |
| 1    | Brass welding adapter. (PART No. 135-LB)          |
| 1    | Torch stand                                       |
| 1    | Flint lighter                                     |
- Hose, Adapter & Regulator Fully Assembled and Ready for Service.



## PROPANE TORCH ASSEMBLIES COMPLETE WITH REGULATOR



| PART No.           | Actual I.D. (IN.) | Hose Length (FT) | Inlet Connection | Reg. Delivery Pressure Range (PSI) |
|--------------------|-------------------|------------------|------------------|------------------------------------|
| I4C120FWGR330POLHN | 1/4               | 10               | Hard Nose POL    | 0-30 PSIG                          |
| I4C180FWGR330POLHN | 1/4               | 15               | Hard Nose POL    | 0-30 PSIG                          |
| I4C240FWGR330POLHN | 1/4               | 20               | Hard Nose POL    | 0-30 PSIG                          |
| I4C300FWGR330POLHN | 1/4               | 25               | Hard Nose POL    | 0-30 PSIG                          |
| I4C120FWGR360POLHN | 1/4               | 10               | Hard Nose POL    | 0-60 PSIG                          |
| I4C180FWGR360POLHN | 1/4               | 15               | Hard Nose POL    | 0-60 PSIG                          |
| I4C240FWGR360POLHN | 1/4               | 20               | Hard Nose POL    | 0-60 PSIG                          |
| I4C300FWGR360POLHN | 1/4               | 25               | Hard Nose POL    | 0-60 PSIG                          |

| PART No.  | Assembly Components                   |
|-----------|---------------------------------------|
| 135-LB    | Outlet Bushing 9/16-18 L.H. x 1/4 NPT |
| 2002-H-HN | Tailpiece Hard Nose P.O.L. To 1/4 NPT |
| I4C**FWFW | Type I Propane Hose (Specify Length)  |
| GR-338    | 0-30 P.S.I. Regulator With HN P.O.L.  |
| GR-368    | 0-60 P.S.I. Regulator With HN P.O.L.  |

Different configurations available.

Complete Kits Available on Page 251



GR-330  
0-30 P.S.I.  
Regulator Only



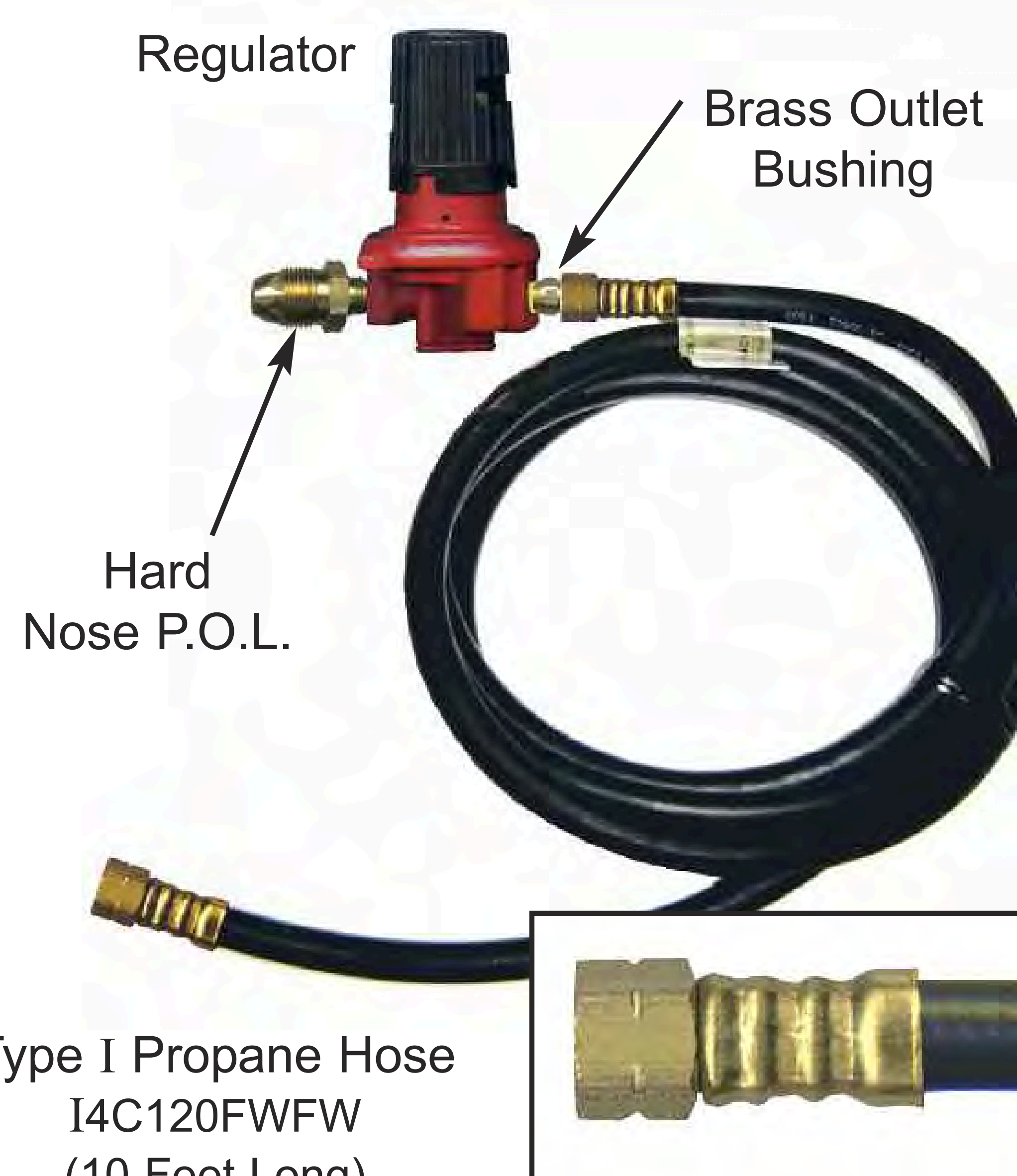
GR-338



2002-H-HN  
Hard Nose POL  
Tailpiece Assembly



135-LB  
Brass  
Outlet Bushing



Type I Propane Hose  
I4C120FWFW  
(10 Feet Long)



Female Welding  
Connection  
9/16-18  
(Left Hand Thread)

GR-460GRY  
0-60 P.S.I.  
Compact  
Regulator Only



Compact  
Regulator  
GR-465GRY



**DRILL AND HANDLE ARE PERMANENTLY BONDED  
DRILL NUMBER IS STAMPED ON HANDLE**



| PART No. | DRILL SIZE | B.T.U. / Hr. NATURAL (3.5) | B.T.U. / Hr. NATURAL (7.0) | B.T.U. / Hr. LP (11.0) |
|----------|------------|----------------------------|----------------------------|------------------------|
| D42      | 0.0935     | 22197                      | 31391                      | 61067                  |
| D43      | 0.0890     | 20111                      | 28442                      | 55331                  |
| D44      | 0.0860     | 18778                      | 26557                      | 51663                  |
| D45      | 0.0820     | 17072                      | 24144                      | 46969                  |
| D46      | 0.0810     | 16658                      | 23558                      | 45831                  |
| D47      | 0.0785     | 15646                      | 22127                      | 43045                  |
| D49      | 0.0730     | 13530                      | 19135                      | 37225                  |
| D51      | 0.0670     | 11398                      | 16119                      | 31357                  |
| D52      | 0.0635     | 10238                      | 14479                      | 28167                  |
| D53      | 0.0595     | 8989                       | 12712                      | 24730                  |
| D54      | 0.0550     | 7680                       | 10862                      | 21131                  |
| D55      | 0.0520     | 6865                       | 9709                       | 18888                  |
| D56      | 0.0465     | 5490                       | 7764                       | 15104                  |
| D57      | 0.0430     | 4695                       | 6639                       | 12916                  |
| D58      | 0.0420     | 4479                       | 6334                       | 12322                  |

| PART No. | DRILL SIZE | B.T.U. / Hr. NATURAL (3.5) | B.T.U. / Hr. NATURAL (7.0) | B.T.U. / Hr. LP (11.0) |
|----------|------------|----------------------------|----------------------------|------------------------|
| D60      | 0.0400     | 4062                       | 5745                       | 11176                  |
| D66      | 0.0330     | 2765                       | 3910                       | 7607                   |
| D67      | 0.0320     | 2600                       | 3677                       | 7153                   |
| D69      | 0.0292     | 2165                       | 3062                       | 5956                   |
| D70      | 0.0280     | 1991                       | 2815                       | 5476                   |
| D71      | 0.0260     | 1716                       | 2427                       | 4722                   |
| D72      | 0.0250     | 1587                       | 2244                       | 4366                   |
| D73      | 0.0240     | 1462                       | 2068                       | 4024                   |
| D74      | 0.0225     | 1285                       | 1818                       | 3536                   |
| D75      | 0.0210     | 1120                       | 1583                       | 3081                   |
| D76      | 0.0200     | 1016                       | 1436                       | 2794                   |
| D77      | 0.0180     | 823                        | 1163                       | 2263                   |
| D78      | 0.0160     | 650                        | 919                        | 1788                   |
| D79      | 0.0145     | 534                        | 755                        | 1469                   |
| D80      | 0.0135     | 463                        | 654                        | 1273                   |

## GAUGING DRILLS SETS

Gauging drill sets come in a durable heavy gauge plastic case that has a tight clasp and features easy drill removal and snug replacement.

| PART No. | Description         | Drill Sizes     |
|----------|---------------------|-----------------|
| DS2      | Case With 42 Drills | D40 Through D80 |
| DS3      | Case With 42 Drills | D19 Through D60 |
| DS4      | Case With 21 Drills | D19 Through D39 |
| DS5      | Case With 21 Drills | D60 Through D80 |

DS2





**LEVER HANDLE TYPE WITH HOOK (O.S.H.A.)**

MAXIMUM PRESSURE IS 145 P.S.I.



**PART No.** AG411E  
**Female Pipe** 1/4

- Meets O.S.H.A. standards.
- Plastic thumb grip.
- Die cast construction.
- Individually carded.



TWO IN ONE AIR GUN

WITH METAL TIP

**PART No.** AG411EW  
**Female Pipe** 1/4  
**Wand Length** 6"

- Meets O.S.H.A. standards.
- Removable copper wand for optional metal tip replacement.
- Die cast construction.
- Individually bagged with instructions.



(RUBBER TIPPED)

**PART No.** AG410R  
**Female Pipe** 1/4

- Heavy-duty construction.
- Provides a leak-proof seal between gun and air line.
- Excellent for blowing out cavities or surfaces that could be damaged or scratched by metal tips.
- Die cast construction.
- Individually carded.

**SOFT NOSE**



**PART No.** FA154SN  
**Female Pipe** 1/4

- This soft nose is especially designed for use in both light and medium bench work.
- It is super sensitive, easily flexed, quick to respond to finger pressure and has a soft cushion tip which prevents damaging of delicate surfaces; also avoiding static sparks.
- Full impact of air, if needed for production, can change immediately to a breath of air for close up work depending upon finger pressure applied by operator.
- Packaged individually.

**PISTOL GRIP WITH HOOK**



**PART No.** AG166  
**Female Pipe** 1/4  
**Wand Length** 4-1/4"

- Provides narrow, high velocity jet of air into blind holes as small as .200 and hard to reach areas.
- Slender 4-1/4" long aluminum nozzle.
- Infinitely variable output.
- Spark proof.
- Meets O.S.H.A.
- Sound level: 86
- Brass inlet and valve.
- Flow: 11 CFM
- 150 P.S.I. Inlet

**PISTOL GRIP TYPE WITH LOOP (ALL METAL CONSTRUCTION)**



**PART No.** AG164  
**Description** 1/4 Pipe

- Aluminum construction for heavy duty Services - garages, machine shops and general industry.
- Venturi type nozzle increases air output by 10 times.
- Cone shaped air jet minimizes chip blow back.
- Brass nozzle and valve.
- Flow: 11 CFM

**360° UNIVERSAL SWIVEL**



The universal swivel connects portable air tools to an air line. It improves maneuverability, minimizes operator fatigue and extends hose life.

**Features:**

- Swivels 360° at two pivot points allowing the air hose to drop directly to the floor while providing superb tool handling.
- New lightweight, non-marking composite construction, industrial quality.

**NOTE: Do Not Exceed 150 P.S.I. (10.3 Bar)**



**PART No.** DS-B  
**Pipe** 1/4  
**Air Flow Range** Up to 33 C.F.M.



## LEVER ACTION GREASE GUNS



**GG-PROL**

| PART No. | Description   | Maximum Pressure (PSI) | Loading                       | Delivery            |
|----------|---------------|------------------------|-------------------------------|---------------------|
| GG-SDL   | Standard Duty | 6,000                  | 14 oz. cartridge              | 1.0 oz / 40 strokes |
| GG-INDL  | Industrial    | 10,000                 | 14 oz. cart., bulk or suction | 1.8 oz / 40 strokes |
| GG-PROL  | Professional  | 10,000                 | 14 oz. cart., bulk or suction | 1.8 oz / 40 strokes |

## PISTOL GRIP GREASE GUNS



**GG-PROPG**

| PART No. | Description                       | Maximum Pressure (PSI) | Loading                       | Delivery          |
|----------|-----------------------------------|------------------------|-------------------------------|-------------------|
| GG-PROPG | Professional (with 18" Flex Hose) | 7,000                  | 14 oz. cart., bulk or suction | 1 oz / 40 strokes |

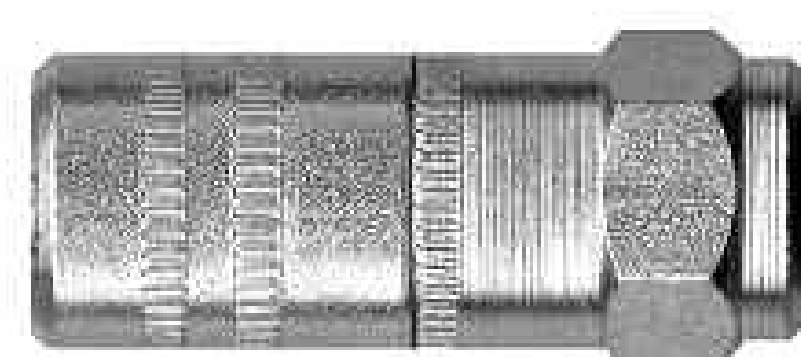


**GG-SDPG**

| PART No. | Description                  | Maximum Pressure (PSI) | Loading                  | Delivery          |
|----------|------------------------------|------------------------|--------------------------|-------------------|
| GG-SDPG  | Standard Duty (with 5" Pipe) | 5,000                  | 14 oz. cartridge or bulk | 1 oz / 40 strokes |

## GREASE WHIP COUPLER

4-Jaw steel coupler for use with rubber or nylon grease whip hose assemblies (Page: 114)

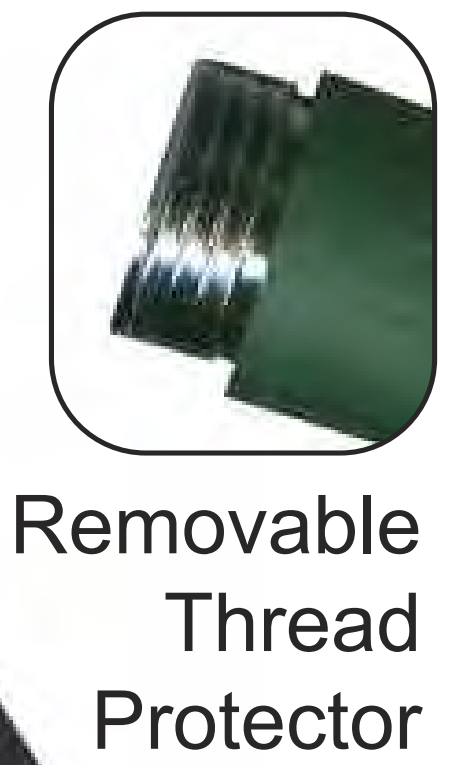


| PART No. | Size   |
|----------|--------|
| GWC-A    | 1/8"   |
| C-GWC-A  | Carded |



For grease fittings and kits see page: 52





Removable Thread Protector

**PART No. GHN**  
 Zinc pistol grip nozzle with metal lever, zinc body. Threaded front for accessory attachment. Brass pull rod and nut. Sprays from a fine mist to heavy stream. Steel handle: chrome plated. Tie on card / 10 pcs. per inner box. 100pcs. per outer carton.



**PART No. GHNE**  
 Zinc pistol grip nozzle. Zinc body. Threaded front for accessory attachment. Chrome plated. Plastic outer case. Brass pull rod and nut. Tie on card / 10pcs. per inner box. 100pcs. per outer carton.

**ADJUSTABLE WATER NOZZLES**



**PART No. GHN6**  
 7 Pattern zinc turret pistol nozzle. Zinc body. Seven pattern spray turret. Brass pull rod and nut. Chrome plated. Tie on card / 12 pcs. per inner box. 48 pcs. per outer carton.



**PART No. GHN10**  
 Heavy-duty 10-pattern spray gun. Zinc body. Aluminum spray head, Anodized. Built-in water shut-off and flow control. Ten pattern spray turret. Large handle controls spray. 6 1/2" W X 7" H. Tie on card / 6 pcs. per inner box. 12pcs. per outer carton.



**PART No. GHN-BN**  
 Zinc body. Adjustable brass plated aluminum tip. Insulated soft pistol grip steel handle. Brass pull rod and nut. Tie on card / 12pcs. per inner box. 48 pcs. per outer carton.



**PART No. GHFN**  
 3 1/2" Mini fireman's nozzle metal construction. Spray adjusts from extra-wide to blasting flow. Small rubberized spray head, Anodized. Tie on card / 12 pcs. per carton.



**PART No. GHTN-RG**  
 6" Adjustable Spray Nozzle with Brass Tip. Zinc body \*Brass spray nozzle. Natural brass color. Tie on card / 10 pcs. per inner box. 100 pcs. per outer carton.

**Water Hose Fittings and Accessories**  
 See Pages: 43 - 44

**BRASS INDUSTRIAL WATER NOZZLES**



**PART No. GHTN**  
 4" Brass adjustable twist nozzle. Adjustable from mist to jet stream. Solid brass construction. Natural brass color. Tie on card / 12 pcs. per inner box. 48 pcs. per outer carton.



**PART No. GHPS**  
 2" Brass hose power sprayer. Solid brass construction. Natural brass color. Tie on card, 12 pcs. per inner box. 48 pcs. per outer carton.

*\* Water Nozzle Models Change From Time To Time. May Not Be Exactly As Shown.*



## HYDRONIC PRESSURE TEST KIT



Fairview's Hydronic Pressure Test Kit is ideal for leak testing of radiant / hydronic heating systems. HPT-KIT-1 comes complete with a Male Water Thread x 3/4 Female NPT adapter for applications where this thread is required.

| PART No.  | Inlet    | Outlet               | Pressure Gauge   |
|-----------|----------|----------------------|------------------|
| HPT-KIT-1 | Schrader | Female Swivel Boiler | 0 - 100 (P.S.I.) |
| HPT-KIT-2 | Valve    | Drain Connection     | 0 - 200 (P.S.I.) |
| HPT-KIT-3 |          |                      | 0 - 30 (P.S.I.)  |

## PEX CRIMP TOOL KIT



**PART No.**  
HCPEX-RTC-KIT

14" Hand Crimp Tool Kit for Crimping Black Copper Crimp Rings on 3/8, 1/2, 5/8 and 3/4 PEX fittings. Includes replaceable jaws for all sizes and Go-No-Go gauge

## PEX TOOLS



**GO-NO-GO GAUGE**

| PART No.  | Pex | Pex | Pex |
|-----------|-----|-----|-----|
| HCPEX-GNG | 3/8 | 1/2 | 3/4 |



**CRIMP RING REMOVING CUTTER**

**PART No.**  
HCPEX-CRC

For removing black copper rings



**PEX ANGLE CRIMP TOOL**

| PART No.      | PEX Size |
|---------------|----------|
| HCPEX-RTAC-10 | 1/2      |
| HCPEX-RTAC-14 | 3/4      |

Compact & angled for crimping black rings in tight spaces.



**ECONOMIC CLAMP TOOL**

**PART No.**  
HCPEX-RTE

Clamp tool for stainless stepless clamps



**OETIKER CLAMP TOOL**

**PART No.**  
HCPEX-RT

Original OETIKER tool for stainless stepless clamps





**MULTI-CUTTER**



**ALL METAL CONSTRUCTION**

**PART No.** O.D. Capacity  
 MC-1 1-1/8  
 MCB-1 Replacement blade

*P.V.C. Coated Handles*

**WILL CUT:** • RUBBER HOSE & PLASTIC TUBE

**HAND-HELD HOSE CUTTER**



**PART No.** O.D. Capacity  
 SY-4523-04006 1/2

SY-4523-04005 Replacement Blade

A handy tool for cutting hose 1/8 inch to 1/2 inch in diameter hose. Blades are replaceable. Vinyl cushioned grips.

**JOHN GUEST TOOLS**



**Tube Cutter / Blades**

**PART No.** Description  
 TSNIP JG Tube cutter  
 BLADES 1 Replacement blade

**CSST SOFT JAW PLIERS**



**PART No.**  
 HCCSST-RT

A handy adjustable style tool, with padded jaws, ideally suited for crimping the full range of CSST Brass Split Rings. Vinyl cushioned grips.



**Collet Locking / Release Tool**

**PART No.** Size  
 ICLT/2 3/16 TO 1/2  
 TSPITool 1/4, 3/8

**PINCERS**



**PART No.**  
 HC9-R (Regular)  
 HC9-S (Side Jaw)

One of these handy tools is all that is needed to apply or remove O-Clamps. Side jaw pincer is recommended for work in confined areas, since it allows O-Clamp to be closed while holding pincer parallel to hose.

See page 157 - 158 for O-Clamps.

**ROTO REEL**

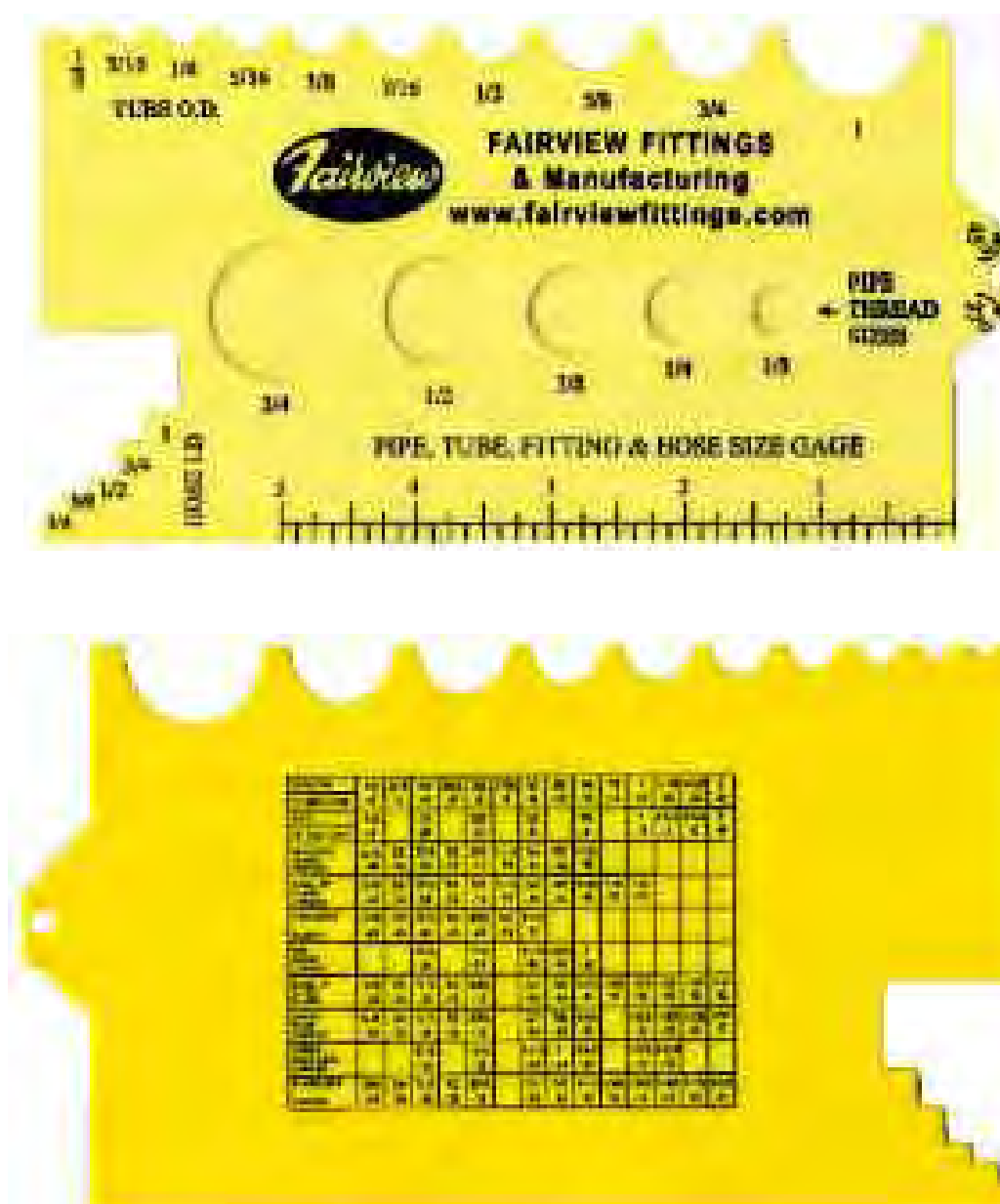


**PART No.** RR12

**Features:**

- The easy way to reel off hose.
- Nominal load capacity is 1,000 LBS.
- Rotates on precision ground ball bearings.
- Made of metal for durability.
- Plated for rust resistance.
- Shipped pre-assembled.

**MEASURING DEVICES**



**PLASTIC PIPE, TUBE, FITTING & HOSE SIZE GAGE**

**PART No.** Range  
 PIPE PG/1 1/8 TO 1 IN.

Includes Fairview Size Codes on Back



## TUBE CUTTERS

### TELESCOPIC TUBE CUTTER



| PART No.    | Capacity In.               |
|-------------|----------------------------|
| TC-218      | 1/4 TO 1-3/8 O.D.          |
| TC-218-CSST | (Stainless Wheel For CSST) |
| TCW-218     | CUTTER WHEEL               |

- Professional quick-adjusting tube cutter and deburring tool for copper, brass, aluminum, and stainless steel tube.
- Easily retracting deburring tool stored in frame.
- Grooved rollers for close-to-flare cuts.
- Contoured knob stores spare cutter wheel.

### STANDARD TUBE CUTTER



| PART No. | Capacity In.      |
|----------|-------------------|
| TC-412   | 1/4 TO 1-1/8 O.D. |

- For accurate cutting of copper, brass, aluminum tube and thin wall conduit.
- Aluminum alloy body and sliding block.
- Groove rollers for close-to-flare cuts.
- Fold away reamer.
- Contoured knob stores spare cutter wheel.

### MINI TUBE CUTTER



| PART No. | Capacity In.    |
|----------|-----------------|
| TC-413   | 1/8 TO 7/8 O.D. |

- For accurate cutting of copper, brass, aluminum tube and thin wall conduit.
- Aluminum alloy body.
- Groove rollers for close-to-flare cuts.
- Fold away reamer.
- Contoured knob stores spare cutter wheel.

## MECHANICAL TUBE BENDER



| PART No. | Tube O.D.      |
|----------|----------------|
| T9-456 * | 1/4, 5/16, 3/8 |
| T9-8     | 1/2            |
| T9-10    | 5/8            |

- \* Will bend a combination of 3 sizes.
- Styles may vary depending on size.

Special design to bend soft copper, brass, aluminum and thin wall steel tube. A light and easy to handle bending tool which will permit bends on all planes.

**NOTE:** Tube must be in annealed state: Will not bend hard-drawn material.

## SPRING TYPE TUBE BENDER



| PART No. | Capacity In. |
|----------|--------------|
| T10-8    | 1/2          |

This spring bender is used to bend soft copper tube by hand to avoid collapsing the tube.

## TUBE REAMER



### INTERNAL - EXTERNAL TUBE REAMER

| PART No. | Range                  |
|----------|------------------------|
| TR-1     | 1/4 I.D. TO 1-3/8 O.D. |

Designed for use with metallic and non-metallic tube.

## FLARING TOOLS

### MANUAL ROTARY FLARING TOOL



| PART No. | Flare     | Capacity In.         |
|----------|-----------|----------------------|
| FT-645   | 45° S.A.E | 1/8 O.D. TO 3/4 O.D. |

- For aluminum and soft copper tube.
- Precision burnished 45° Flare with an easy turn of the handle.
- Depth gauge allows proper positioning of tube for correct flaring.

### QUICK-OPENING FLARING TOOL



| PART No. | Flare      | Capacity In.          |
|----------|------------|-----------------------|
| FT-411   | 45° S.A.E. | 3/16 O.D. TO 5/8 O.D. |
| FT-412   | 45° S.A.E. | 3/16 O.D. TO 3/4 O.D. |

- For aluminum and soft copper tube.
- Bar has quick-opening feature with large wing nuts.
- Self centering yoke.
- Long bar for gripping in vise.



**U.L. & U.L.C. LISTED PTFE  
THREAD SEALANT TAPE**



The ideal sealant for pipe thread connections. It is non-toxic and will not contaminate fluids or gases. Chemically inert, it resists corrosive action of acids, alkalis and solvents. U.L. and U.L.C. listed for Natural Gas (TO 1000 P.S.I.) and Propane installations.

- **TEMPERATURE RANGE:** -450°F to +500°F, -268°C to +260°C

| PART No.  | Tape Width | Length/Roll (IN.) |
|-----------|------------|-------------------|
| 121-M8UL  | 1/2"       | 236               |
| 121-M12UL | 3/4"       | 236               |

**PTFE THREAD SEALANT TAPE**



The ideal sealant for pipe thread connections. It is non-toxic and will not contaminate fluids or gases. Chemically inert, it resists corrosive action of acids, alkalis and solvents.

- **TEMPERATURE RANGE:** -450°F to +500°F, -268°C to +260°C

| PART No. | INDUSTRIAL SEALANT TAPE |                |                   |
|----------|-------------------------|----------------|-------------------|
|          | Tape Width              | Tape Thickness | Length/Roll (IN.) |
| 121-M8   | 1/2"                    | .003           | 480               |
| 121-M12  | 3/4"                    | .003           | 480               |
| 121-M16  | 1"                      | .003           | 480               |

| PART No.    | HIGH DENSITY INDUSTRIAL SEALANT TAPE |                |                   |
|-------------|--------------------------------------|----------------|-------------------|
|             | Tape Width                           | Tape Thickness | Length/Roll (IN.) |
| 121-M8PINK  | 1/2"                                 | .004           | 540               |
| 121-M12PINK | 3/4"                                 | .004           | 540               |
| 121-M16PINK | 1"                                   | .004           | 540               |

**METALLIC PTFE THREAD SEALANT**



BRUSH TOP TIN



Masters Metallic Compound is a heavy duty pipe thread sealant of proven quality for use on both metal and plastic thread connections. This all-weather product: Lubricates during assembly - Never sets up hard - Can be easily disassembled even after years of service. Masters Metallic Compound is non-corrosive and prevents galling and seizing. It will not dry out or harden in the container. Available in plain and brush-top. Masters Metallic Compound effectively seals most liquids and gases against leakage up to 6900 kpa / 1000 psi and +700°F, +371°C.

| PART No. | Size       | Carton Qty. |
|----------|------------|-------------|
| TTSM-8   | 8 oz. Tin  | 25          |
| TTSM-32  | 32 oz. Tin | 6           |

**PTFE THREAD SEALANT COMPOUND**



BRUSH TOP TIN

TUBE



- **TEMPERATURE RANGES:** -50°F to +400°F, -45°C to +204°C
- **BRUSHABLE TO:** -50°F, -46°C
- **PRESSURE RANGES:** GASES TO 2000 P.S.I. LIQUIDS TO 8000 P.S.I.
- **MATERIAL USE:** Brass and All Metal, ABS, PVC, CPVC, Nylon
- **NOTE:** NOT SUITABLE FOR OXYGEN

| PART No. | Size       | Carton Qty. |
|----------|------------|-------------|
| TTS-2    | 2 oz. Tube | 72          |
| TTS-4    | 4 oz. Tin  | 24          |
| TTS-8    | 8 oz. Tin  | 24          |
| TTS-16   | 16 oz. Tin | 12          |

**CSA CERTIFIED THREAD SEALANT COMPOUND**



BRUSH TOP TIN

TUBE



- **TEMPERATURE RANGES:** -50°F to +400°F, -45°C to +204°C
- **BRUSHABLE TO:** -50°F, -46°C
- **PRESSURE RANGES:** GASES TO 3000 P.S.I. LIQUIDS TO 6000 P.S.I.
- **MATERIAL USE:** Brass and All Metal, ABS, PVC, CPVC, Nylon
- **NOTE:** NOT SUITABLE FOR OXYGEN. CERTIFIED TO CSA NO. 4-90 US AND CAN/ULC-S642-M87 METAL THREADS ONLY THROUGH 2" DIA. +125°F TO -40°F 125 PSIG FOR USE WITH NATURAL, PROPANE & BUTANE (VAPOR STATE) GASES ONLY.

| PART No. | Size       | Carton Qty. |
|----------|------------|-------------|
| TTSG-2   | 2 oz. Tube | 72          |
| TTSG-4   | 4 oz. Tin  | 24          |
| TTSG-8   | 8 oz. Tin  | 24          |

**LEAK DETECTION FLUID (LOW - TEMP)**

**Test It Before You Use It.**

A low cost method of testing gas connections for leaks prior to use. Non-Corrosive. Halogen and Chloride Free.



Good for use in temperatures down to: -40°C / -40°F.

| PART No. | DESCRIPTION         |
|----------|---------------------|
| LD-8LT   | 8 OZ. Squirt Bottle |

Meets ASME Requirements



## HYDRAULIC CRIMPERS



Die stand sold separately

**PART No.**  
FF105

|                                    |          |
|------------------------------------|----------|
| <b>MAX. CYLINDER FORCE</b>         | 35 Ton   |
| <b>MAX. HOSE DIAMETER (2 Wire)</b> | 1"       |
| <b>MAX. HOSE DIAMETER (4 Wire)</b> | 3/4"     |
| <b>MAX. HOSE (DA Tool-6 Wire)</b>  | n/a      |
| <b>CRIMPER DEPTH</b>               | 20"      |
| <b>CRIMPER WIDTH</b>               | 12 1/2"  |
| <b>CRIMPER HEIGHT</b>              | 19"      |
| <b>WEIGHT</b>                      | 125 Lb   |
| <b>PUMP</b>                        | Electric |
| <b>PUMP HP</b>                     | 1 HP     |
| <b>POWER REQUIREMENT</b>           | 110V-15A |
| <b>APPROX. CRIMPS/Hr (3)</b>       | 450      |

Shown with optional light



Die stand sold separately

**PART No.**  
FF165

|                                    |          |
|------------------------------------|----------|
| <b>MAX. CYLINDER FORCE</b>         | 60 Ton   |
| <b>MAX. HOSE DIAMETER (2 Wire)</b> | 1 1/4"   |
| <b>MAX. HOSE DIAMETER (4 Wire)</b> | 1 1/4"   |
| <b>MAX. HOSE (DA Tool-6 Wire)</b>  | 1"       |
| <b>CRIMPER DEPTH</b>               | 22"      |
| <b>CRIMPER WIDTH</b>               | 12 1/2"  |
| <b>CRIMPER HEIGHT</b>              | 22 1/4"  |
| <b>WEIGHT</b>                      | 140 Lb   |
| <b>PUMP</b>                        | Electric |
| <b>PUMP HP</b>                     | 1 HP     |
| <b>POWER REQUIREMENT</b>           | 110V-15A |
| <b>APPROX. CRIMPS/Hr (3)</b>       | 300      |

Hydraulic crimpers come complete with 8 standard numbered die sets

| Die Set<br>PART No. | Die Closed |         | Crimp Face |           |
|---------------------|------------|---------|------------|-----------|
|                     | Dia. IN.   | Dia. MM | Length IN. | Length MM |
| P100D-14            | 0.551      | 14      | 1.73       | 44        |
| P100D-16            | 0.669      | 16      | 1.73       | 44        |
| P100D-20            | 0.787      | 20      | 1.73       | 44        |
| P100D-24            | 0.945      | 24      | 1.73       | 44        |
| P100D-27            | 1.060      | 27      | 2.24       | 57        |
| P100D-31            | 1.270      | 31      | 2.24       | 57        |
| P100D-34            | 1.339      | 34      | 2.24       | 57        |
| P100D-38            | 1.496      | 38      | 2.52       | 64        |

## J660 FERRULE CRIMPER



**PART No.**  
J660 Crimper

**DIE SETS SOLD SEPARATELY**  
TO ORDER STANDARD OR RIBBED DIES  
PREFIX THE REQUIRED CRIMP SIZE  
WITH:  
"D" FOR STANDARD DIE OR  
"R" FOR RIBBED DIE.

**EXAMPLE:** R-400, .400 RIBBED DIE SET

**FERRULES ARE LISTED ON PAGE 70**

**THIS MANUALLY OPERATED CRIMPING TOOL CRIMPS FBL AND FBS FERRULES.**



Crimps up to 1-1/2 In. Outside Dia. Hose.

- BASE – 8"
- BODY – 7-3/8"
- HEIGHT – 27"
- WEIGHT – 29 LBS



**SPIRAL HOSE GUARD WRAP**



Designed for use with Hydraulic hose, Air Brake hose and tubing, Propane / Natural Gas hose and electrical wire bundles, Fairview's tough and flexible spiral wrap is available in custom lengths up to 164 FT. (50 Meters)

| PART No.  | I.D (IN.) | Wall (IN.) | Pitch (IN.) |
|-----------|-----------|------------|-------------|
| SPW-8BLK  | 0.38"     | 0.05"      | 0.4"        |
| SPW-10BLK | 0.53"     | 0.05"      | 0.5"        |
| SPW-12BLK | 0.63"     | 0.08"      | 0.6"        |
| SPW-16BLK | 0.81"     | 0.09"      | 0.8"        |
| SPW-20BLK | 1.06"     | 0.10"      | 0.9"        |
| SPW-24BLK | 1.36"     | 0.11"      | 1.0"        |
| SPW-32BLK | 1.69"     | 0.14"      | 1.2"        |
| SPW-40BLK | 2.19"     | 0.15"      | 1.2"        |
| SPW-48BLK | 2.61"     | 0.17"      | 1.7"        |
| SPW-56BLK | 3.16"     | 0.19"      | 1.8"        |
| SPW-64BLK | 3.90"     | 0.22"      | 2.0"        |
| SPW-72BLK | 4.46"     | 0.23"      | 2.2"        |

**NYLON SLEEVE HOSE PROTECTOR**



Reduces abrasions and increases hose life. Protects against UV, physical abrasion and deterioration. Meets ISO 6945 abrasion standard  
MSHA approved  
Color – black

| PART No. | Sleeve I.D. (IN.) | PART No. | Sleeve I.D. (IN.) |
|----------|-------------------|----------|-------------------|
| NS-14    | .90               | NS-28    | 1.85              |
| NS-15    | 1.00              | NS-30    | 2.09              |
| NS-16    | 1.14              | NS-32    | 2.25              |
| NS-20    | 1.25              | NS-38    | 2.38              |
| NS-22    | 1.38              | NS-46    | 2.87              |
| NS-26    | 1.57              | NS-64    | 4.50              |

NOTE: Additional Sizes Available on Request.

**SPLIT LOOM**



Designed to hold & protect cables, harnesses and hoses. Quick & easy to Install. Slit automatically closes after installation. Black provides superior outdoor ultraviolet light protection.  
-40°C (-40°F) to + 85°C (185°F)

| PART No.  | MAX. I.D. (IN.) (MM) | Roll Length (FT.) |
|-----------|----------------------|-------------------|
| SPL-4BLK  | .266 / 6.76          | 100               |
| SPL-6BLK  | .380 / 9.65          | 100               |
| SPL-8BLK  | .515 / 13.07         | 100               |
| SPL-12BLK | .759 / 19.28         | 100               |
| SPL-16BLK | 1.069 / 27.16        | 100               |

**HOSE CUT-OFF BLADES**



**BEVELED**



**SCALLOPED**

| PART No. | Arbor Hole Diameter | Blade Diameter | Blade Type     |
|----------|---------------------|----------------|----------------|
| HCB-7    | 5/8"                | 7"             | Beveled Edge   |
| HCB-8    | 5/8"                | 8"             | Beveled Edge   |
| HCB-10   | 3/4"                | 10"            | Beveled Edge   |
| HCBS-7   | 5/8"                | 7"             | Scalloped Edge |
| HCBS-8   | 5/8"                | 8"             | Scalloped Edge |
| HCBS-10  | 3/4"                | 10"            | Scalloped Edge |

**BEND PROTECTORS**



**MATERIAL:** POLYVINYLCHLORIDE  
**TEMPERATURE:** -40°F to +200°F (-40°C to +93°C)

Smooth finish, friction fit, bend protector reduces bending stress near hose end for longer, trouble free hose life.  
STYLES MAY VARY.

| PART No.       | I.D. (IN.) | Length (IN.) |
|----------------|------------|--------------|
| MP-BP-4        | .625       | 5.50         |
| MP-BP-6        | .735       | 6.38         |
| MP-BP-8        | .835       | 7.00         |
| STEEL MP-SBP-6 | .672       | 5.00         |

Note: Other sizes available upon request.

**SPRING GUARD**



- Prevents kinking.
- Reduces abrasions, increases hose life.
- Covers entire length of hose.

| PART No. | Spring I.D. (IN.) | PART No. | Spring I.D. (IN.) |
|----------|-------------------|----------|-------------------|
| SG-650   | .650              | SG-990   | .990              |
| SG-686   | .686              | SG-1240  | 1.240             |
| SG-835   | .835              | SG-1300  | 1.300             |





# CABINETS & DISPLAY UNITS

STAND-ALONE - WALL - COUNTER - PEGBOARD

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- BIN CABINET - FLOOR / WALL MOUNTING .....267
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## WHAT'S NEW IN THIS SECTION

- Merchandising Stand -  
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## QUANTUM CABINET

### Stand Alone Slider Cabinet

(UP to 336 BINS)

**PART No.**

**QS-305306-52** (Unassembled)

**QS-305306-52A** (Assembled)

**QS-305-40** (Unassembled)

**QS-306-56** (Unassembled)

**QS-000** (Slider Frame only No bins)

See below for bin configurations.

This system features four individual panels filled with tip out bins of which two are fixed to the back side and two slide easily from left to right allowing free access to all four panels. Manufactured of tough 14 gauge steel with putty powder coat finish.



**QS-305306-52A**

**Overall:**

Height **66-1/4** inches

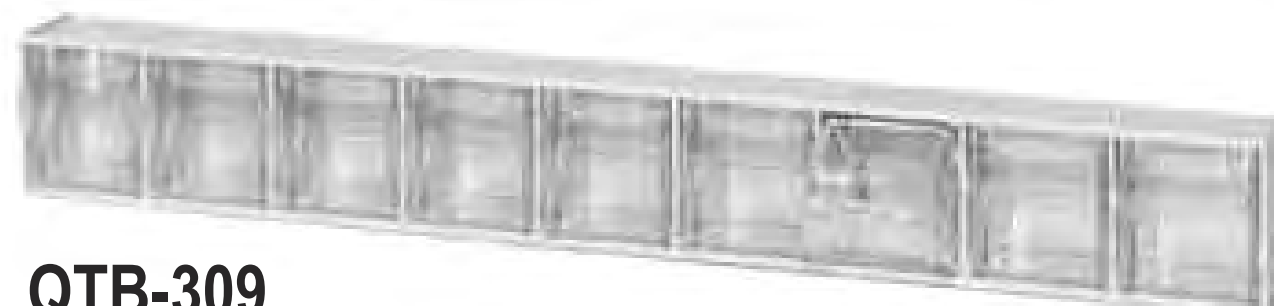
Width **48** inches

Depth **16** inches

Front Two Units Slide



**Bin Units Available:**



**QTB-309**  
9 Bin - 2-1/2"L x 23-5/8"W x 3-1/8"H



**QTB-306**  
6 Bin - 3-5/8"L x 23-5/8"W x 4-1/2"H



**QTB-305**  
5 Bin - 5-1/4"L x 23-5/8"W x 6-1/2"H

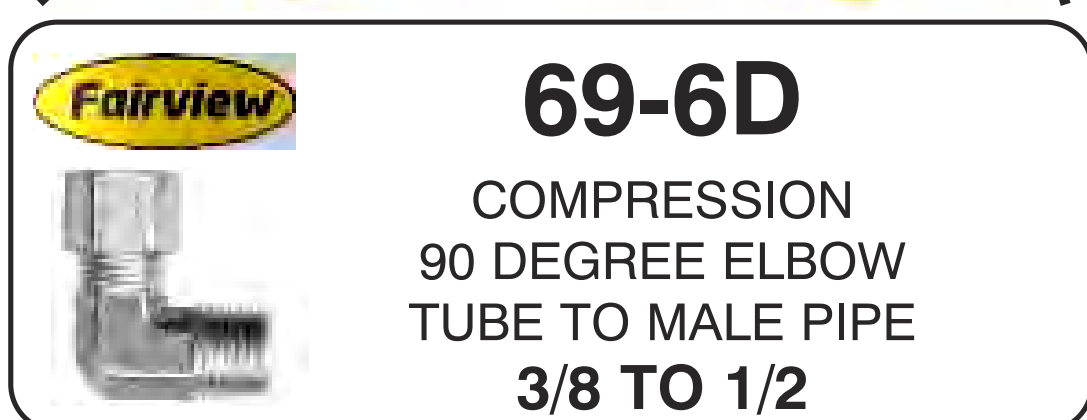
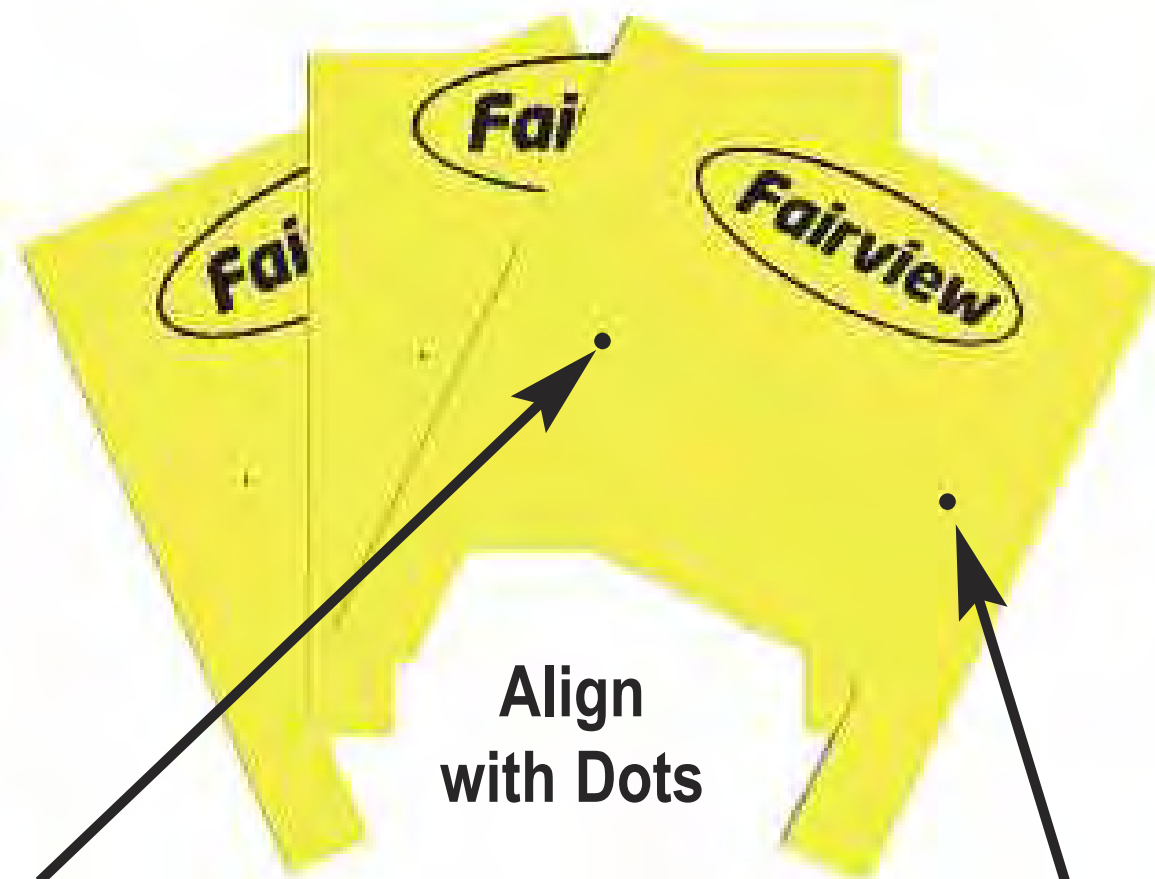


**QTB-304**  
4 Bin - 6-5/8"L x 23-5/8"W x 8-1/8"H



**QTB-303**  
3 Bin - 7-3/4"L x 23-5/8"W x 9-1/2"H

Cabinet is Supplied as shown with customizable Fairview bin front cards. (2 sizes only; for QTB-305 & QTB-306)



Labels are available...

| Slider Cabinet Bin Configuration Chart              |                  |                  |            |
|-----------------------------------------------------|------------------|------------------|------------|
| (How many of each bin in the pre-configured set up) |                  |                  |            |
| PART No.                                            | Bin Unit QTB-305 | Bin Unit QTB-306 | Total BINS |
| QS-305306-52                                        | 9                | 43               | 303        |

Slider cabinet shown uses just two bin sizes; QTB-305 and QTB-306. Custom configurations are available. (Up to 336)



## FAIRVIEW FITTING CENTER

### Fairview Fitting Center

(70 Drawers - 10 BINS)

**PART No. XC80-CA**

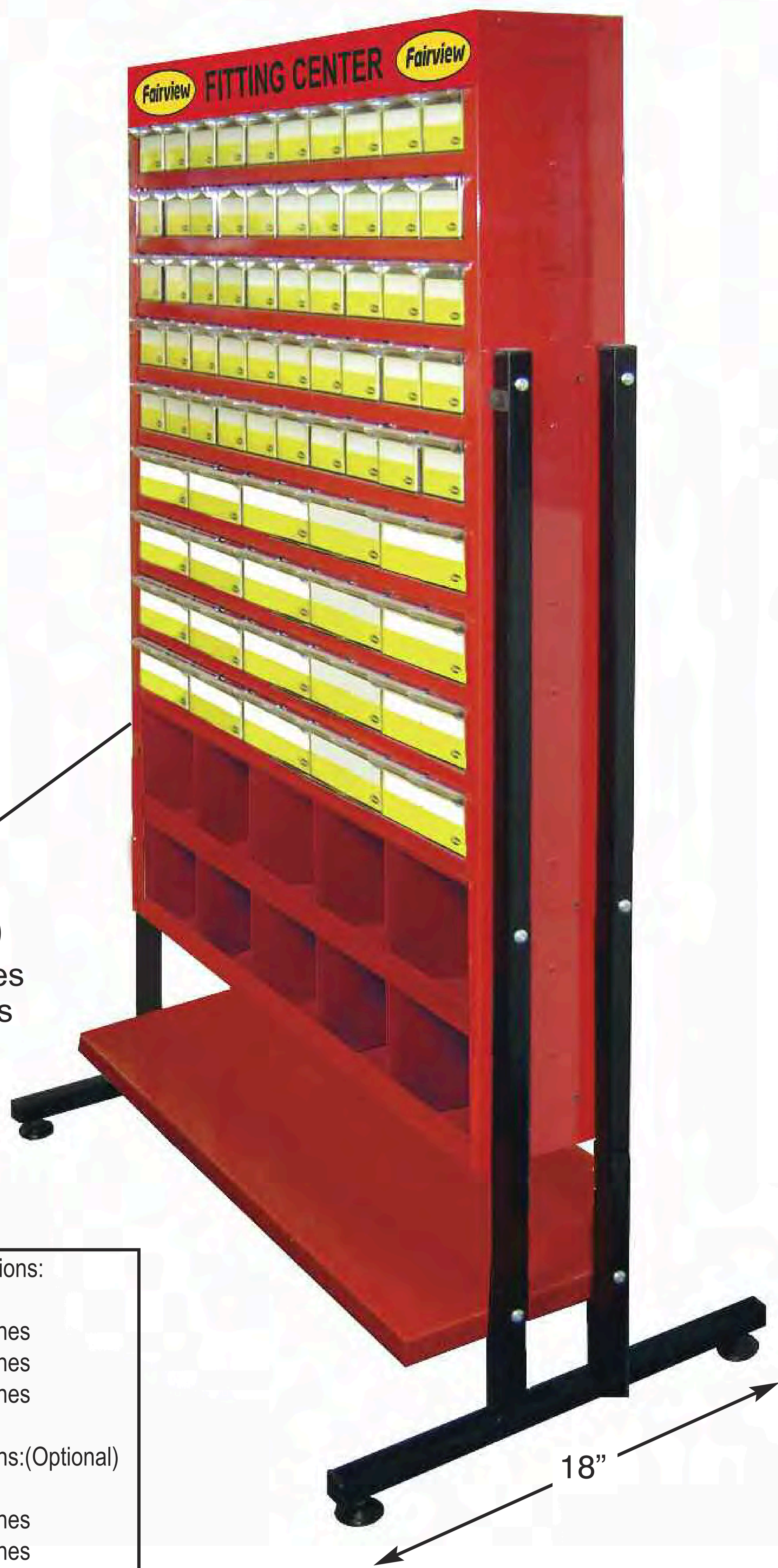
This all new steel fitting center is the best of both worlds, with 50 single and 20 double size clear plastic sliding drawers. It also has 10 bin compartments for larger items. It is featured in Fairview's red, black and yellow colors.

It's equipped with steel tubular legs that can safely hold this Industrial cabinet. Large open bottom shelf for overstock is also supplied.

**Note:** Cards, Dividers and Label sets are not included in the price of the cabinet. For suggested product fitting packages contact your local Fairview branch.

**Overall:**  
 Height **61 inches**  
 Width **33-1/2 inches**  
 Depth **18 inches**

**XB80-CA**  
 (No Legs or Shelf)  
 Height **48-7/8 inches**  
 Width **31-1/2 inches**  
 Depth **6-1/8 inches**



Double size cabinet drawers (PD-55)

Standard Drawer Dimensions:  
**PART No. PD-110**  
**Size:** Width 2-3/4 inches  
 Length 5-3/4 inches  
 Depth 2-1/2 inches

Double Drawer Dimensions:(Optional)  
**PART No. PD-55**  
**Size:** Width 5-3/4 inches  
 Length 5-3/4 inches  
 Depth 2-1/2 inches

• State PD-55 quantity requirements when ordering.

**PART No. ZZCOS-PD-110-CARD**  
 (Single)  
**ZZCOS-PD-55-CARD**  
 (Double)

Blank yellow drawer front cards are available. Printed on heavy duty card stock, just affix the stickers and slide into place.



Standard cabinet drawers (PD-110)



**PART No.** Durable plastic inserts for dividing drawers into sections allow you to totally customize your cabinet. Remove the protective blue film, affix the stickers and slide into place.



## FAIRVIEW FITTING CENTER

### Stand Alone Storage Cabinet

(Up to 110 Drawers)  
PART No. XC110-CA

This steel cabinet has 110 clear plastic sliding drawers, each with the option of dividing into 4 compartments. It is featured in Fairview's red, black and yellow colors.

It's equipped with steel tubular legs that can safely hold this Industrial cabinet. Large open bottom shelf for overstock is also supplied.

**Note:** Label sets are not included with the cabinet. For suggested product fitting packages see page 270.

**Overall:**  
Height **61** inches  
Width **33-1/2** inches  
Depth **18** inches



PD-110

Standard cabinet drawer is the PD-110. <<< Double size cabinet drawers (PD-55) are available.

|                                                    |              |
|----------------------------------------------------|--------------|
| Standard Drawer Dimensions:                        |              |
| <b>PART No. PD-110</b>                             |              |
| <b>Size:</b> Width                                 | 2-3/4 inches |
| Length                                             | 5-3/4 inches |
| Depth                                              | 2-1/2 inches |
| Double Drawer Dimensions:(Optional)                |              |
| <b>PART No. PD-55</b>                              |              |
| <b>Size:</b> Width                                 | 5-3/4 inches |
| Length                                             | 5-3/4 inches |
| Depth                                              | 2-1/2 inches |
| • State PD-55 quantity requirements when ordering. |              |

**XB110-CA**  
(No Legs or Shelf)  
Height **41-3/4** inches  
Width **31-1/2** inches  
Depth **6** inches



## COMPACT FAIRVIEW FITTING CENTER

### Counter / Wall Mounting Drawer Cabinet

(Up to 20 Drawers)  
PART No. XB20-CA

This cabinet has 20 drawers, each one with the capability of dividing into 4 separate compartments. It is featured in Fairview's red, black and yellow colors.

**Overall:**  
Height **16** inches  
Width **17** inches  
Depth **6** inches

**Note:** Label sets are not included with the cabinet. For suggested product fitting packages see page 268. For drawer dimensions see above.





**FAIRVIEW 25 COMPARTMENT BIN CABINET**

**Counter / Wall Mounting  
Bin Cabinet**

**PART No. 25-CA**

This heavy gauge metal bin cabinet has 25 compartments, with a beveled inner design for easy access. It is featured in Fairview's red, black and yellow colors.

|                 |                      |                  |
|-----------------|----------------------|------------------|
| <b>Overall:</b> |                      | <b>Bin Size:</b> |
| Height          | <b>34-1/2 inches</b> | 6-1/2 inches     |
| Width           | <b>30 inches</b>     | 6 inches         |
| Depth           | <b>8 inches</b>      |                  |



**FAIRVIEW 42 BIN CABINET**

**Floor / Wall  
Mounting  
Storage  
Cabinet for  
Fittings or  
Large Items**



**PART No. 42-CA**

This heavy gauge metal cabinet can be used for floor or wall mounting. It has 42 large compartments for easy access.

|                 |                      |                  |
|-----------------|----------------------|------------------|
| <b>Overall:</b> |                      | <b>Bin Size:</b> |
| Height          | <b>47-1/2 inches</b> | 6-1/2 inches     |
| Width           | <b>36-1/4 inches</b> | 6 inches         |
| Depth           | <b>8 inches</b>      |                  |

**FAIRVIEW 72 BIN CABINET**

**Floor / Wall  
Mounting  
Storage  
Cabinet for  
Fittings or  
Large Items**



**PART No. 72-CA**

This heavy gauge metal cabinet can be used for floor or wall mounting. It has 72 large compartments for easy access.

|                 |                      |                  |
|-----------------|----------------------|------------------|
| <b>Overall:</b> |                      | <b>Bin Size:</b> |
| Height          | <b>47-1/2 inches</b> | 5 inches         |
| Width           | <b>36-1/8 inches</b> | 4-1/4 inches     |
| Depth           | <b>8 inches</b>      |                  |



Note: Product selections and suggested drawer quantities in these label sets are based on specified industry or product groups and cabinet space availability. Cabinets & Product Must Be Purchased Separately.

**Automotive Assortment for 20 Drawer Cabinet KIT-AUTO-20**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 60-2              | 20          | 62-3              | 10          | 110-DC            | 10          | 122-C             | 10          | S141-4            | 20          | 240-B             | 10          |
| 60-3              | 20          | 62-4              | 10          | 112-B             | 10          | 141-3             | 10          | S141-5            | 10          | LAB-AUTO-20       | 1           |
| 60-4              | 20          | 62-5              | 10          | 120-BA            | 10          | 141-4             | 10          | S141-6            | 10          |                   |             |
| 60-6              | 20          | 62-6              | 10          | 120-CB            | 10          | 142-3             | 10          | SL141-3           | 25          |                   |             |
| 61-2              | 10          | 103-A             | 10          | 121-A             | 10          | 142-4             | 10          | SL141-4           | 20          |                   |             |
| 61-3              | 10          | 103-B             | 10          | 121-B             | 10          | 142-5             | 10          | X115-A            | 10          |                   |             |
| 61-4              | 10          | 110-BA            | 10          | 121-C             | 10          | 142-6             | 10          | X115-B            | 10          |                   |             |
| 61-6              | 10          | 110-CB            | 10          | 122-B             | 10          | S141-3            | 20          | WH-7818           | 10          |                   |             |

**1400 Series (DOT Air Brake) Assortment for 20 Drawer Cabinet KIT-1400-20**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 1460-4            | 20          | 1461-8            | 10          | 1464-4            | 5           | 1468-6C           | 10          | 1469-4C           | 5           | 1471-6B           | 5           |
| 1460-6            | 20          | 1461-10           | 10          | 1464-6            | 5           | 1468-8B           | 5           | 1469-6A           | 10          | 1472-6B           | 5           |
| 1460-8            | 20          | 1462-4            | 10          | 1468-4A           | 10          | 1468-8C           | 10          | 1469-6B           | 10          | 1474-6B           | 10          |
| 1460-10           | 20          | 1462-6            | 10          | 1468-4B           | 10          | 1468-8D           | 5           | 1469-6C           | 10          | 1474-6C           | 5           |
| 1461-4            | 10          | 1462-8            | 5           | 1468-6A           | 5           | 1469-4A           | 10          | 1469-8C           | 5           | 1474-8C           | 5           |
| 1461-6            | 10          | 1462-10           | 5           | 1468-6B           | 10          | 1469-4B           | 10          | 1469-8D           | 5           | LAB-1400-20       | 1           |

**PC1400 Series (DOT Air Brake Push-To-Connect) Assortment for 20 Drawer Cabinet KIT-PC1400-20**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| PC1462-5/32       | 5           | PC1464-6          | 5           | PC1468-8B         | 5           | PC1469-6A         | 5           | PC1469SW-6B       | 5           | PC1474-8C         | 5           |
| PC1462-4          | 10          | PC1468-4A         | 10          | PC1468-8C         | 5           | PC1469-6B         | 10          | PC1469SW-6C       | 5           | PC1477-4          | 5           |
| PC1462-6          | 10          | PC1468-4B         | 10          | PC1468-8D         | 5           | PC1469-6C         | 5           | PC1469SW-8C       | 5           | LAB-PC1400-20     | 1           |
| PC1462-8          | 5           | PC1468-6A         | 10          | PC1469-5/32A      | 5           | PC1469-8C         | 5           | PC1471SW-6B       | 5           |                   |             |
| PC1462-10         | 5           | PC1468-6B         | 10          | PC1469-4A         | 10          | PC1469SW-4A       | 10          | PC1472SW-6B       | 5           |                   |             |
| PC1464-4          | 5           | PC1468-6C         | 10          | PC1469-4B         | 10          | PC1469SW-4B       | 5           | PC1474-6C         | 5           |                   |             |

**Lead Free Plumbing Assortment for 20 Drawer Cabinet KIT-LF-PLUMB-20**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 60-4              | 10          | LF-62-10          | 3           | LF-66-6C          | 3           | LF-69-6C          | 5           | LF-112-C          | 10          | 480-4             | 10          |
| 60-6              | 10          | LF-62R-106        | 3           | LF-68-4A          | 5           | LF-69-6D          | 2           | LF-112-D          | 5           | 480-6             | 10          |
| 60-8              | 5           | LF-62R-64         | 5           | LF-68-4B          | 5           | LF-103-A          | 10          | LF-113-A1-1/2     | 3           | 480-8             | 10          |
| 60-10             | 10          | LF-64-6           | 5           | LF-68-6B          | 5           | LF-103-B          | 5           | LF-113-B1-1/2     | 5           | LF-481-4          | 10          |
| 61-4              | 10          | LF-64-10          | 5           | LF-68-6C          | 5           | LF-103-C          | 5           | LF-113-B2         | 5           | LF-481-6          | 10          |
| 61-6              | 10          | LF-65-4           | 5           | LF-68-6D          | 3           | LF-103-D          | 5           | LF-113-D1-1/2     | 5           | LF-481-8          | 10          |
| 61-8              | 5           | LF-65-6           | 5           | LF-68-8D          | 3           | LF-110-BA         | 10          | LF-113-D2         | 5           | LAB-LF-PLUM-20    | 1           |
| 61-10             | 10          | LF-65-8           | 3           | LF-68-10D         | 3           | LF-110-CB         | 10          | LF-113-D2-1/2     | 3           |                   |             |
| LF-62-4           | 5           | LF-65-10          | 5           | LF-69-4A          | 5           | LF-110-DB         | 5           | LF-122-A          | 10          |                   |             |
| LF-62-6           | 5           | LF-66-4B          | 3           | LF-69-4B          | 5           | LF-110-DC         | 5           | LF-122-B          | 10          |                   |             |
| LF-62-8           | 3           | LF-66-6B          | 3           | LF-69-6B          | 5           | LF-112-B          | 10          | LF-122-C          | 5           |                   |             |

**LAB-SETS**

Example: LAB-AUTO-20

Peel and stick standard or custom ordered label sets are self adhesive and printed 30 per sheet. Measuring 1" x 2-5/8" just peel and stick to the yellow drawer cards, plastic dividers or cardboard stockboxes. The Label sets are now available in pdf format, and can be emailed to you, for fast self-service printing. Cabinet sets come complete with drawer front cards and plastic dividers.



**69-6D**  
COMPRESSION  
90 DEGREE ELBOW  
TUBE TO MALE PIPE  
3/8 TO 1/2

Label  
actual  
size



PD-110



Note: Product selections and suggested drawer quantities in these label sets are based on specified industry or product groups and cabinet space availability. Cabinets & Product Must Be Purchased Separately.

## Automotive Assortment for 80 Drawer / Bin Cabinet KIT-AUTO-80

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 60-2              | 50          | 62-6              | 10          | 110-BA            | 20          | 121-D             | 5           | 148-4A            | 10          | 1468-4A           | 5           | WH-1442           | 2           |
| 60-3              | 50          | 62-8              | 5           | 110-CB            | 10          | 122-A             | 10          | 240-A             | 10          | 1468-6B           | 10          | WH-7818           | 5           |
| 60-4              | 50          | 68-4A             | 10          | 110-DB            | 10          | 122-B             | 10          | 240-B             | 10          | 1469-6B           | 10          | WH-7829           | 5           |
| 60-5              | 50          | 68-4B             | 10          | 110-DC            | 5           | 122-C             | 10          | 481-4             | 10          | 1481-4            | 10          | X101-B            | 5           |
| 60-6              | 50          | 68-6B             | 10          | 110-ED            | 2           | 141-3             | 10          | 481-6             | 10          | 1481-6            | 10          | X115-A            | 10          |
| 60-8              | 20          | 103-A             | 10          | 112-B             | 10          | 141-4             | 10          | 1460-4            | 10          | 1481-8            | 10          | X115-B            | 10          |
| 61-4              | 20          | 103-B             | 10          | 120-BA            | 10          | 142-3             | 10          | 1460-6            | 20          | S141-3            | 20          | X115-C            | 5           |
| 61-6              | 10          | 103-C             | 5           | 120-CB            | 5           | 142-4             | 10          | 1460-8            | 10          | S141-4            | 20          | X124-C            | 5           |
| 62-2              | 10          | 109-A             | 10          | 120-DC            | 5           | 142-5             | 10          | 1461-6            | 10          | S141-5            | 20          | LAB-AUTO-80       | 1           |
| 62-3              | 10          | 109-B             | 10          | 121-A             | 10          | 142-6             | 5           | 1462-4            | 5           | S141-6            | 10          |                   |             |
| 62-4              | 10          | 109-C             | 10          | 121-B             | 10          | 144-3             | 10          | 1462-6            | 10          | SL141-3           | 5           |                   |             |
| 62-5              | 10          | 109-D             | 5           | 121-C             | 5           | 148-3A            | 10          | 1462-8            | 5           | SL141-4           | 25          |                   |             |

## Propane Assortment for 80 Drawer / Bin Cabinet KIT-PRO-80

| Fairview PART No.       | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No.    | Bin Qty. |
|-------------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|----------------------|----------|
| Cabinet Drawer Products |             | 46-6C             | 5           | 49-8E             | 5           | 103-B             | 10          | 122-C             | 10          | 2016-D            | 4           | QD-GMRVN4-4M         | 4        |
| 40-4                    | 10          | 46-8D             | 5           | 49-10D            | 2           | 103-C             | 10          | 122-D             | 5           | 2018-L            | 5           | Fairview PART No.    | Bin Qty. |
| 40-6                    | 10          | 48-4A             | 10          | 49-12E            | 2           | 103-D             | 10          | 135-LB            | 10          | 2081              | 5           | Cabinet Bin Products |          |
| 40-8                    | 10          | 48-4B             | 10          | 56-4              | 10          | 110-BA            | 10          | 135-LC            | 10          | 2087              | 2           | 2001-S               | 2        |
| 40-10                   | 10          | 48-6B             | 10          | 56-6              | 10          | 110-CB            | 10          | 136-L             | 5           | 2091              | 2           | 2012                 | 2        |
| 40-12                   | 5           | 48-6C             | 10          | 56-8              | 5           | 110-DB            | 10          | 148-4B            | 5           | 2097              | 2           | 2015                 | 2        |
| 42-4                    | 10          | 48-6D             | 10          | 56-10             | 5           | 110-DC            | 10          | 852-B             | 2           | 2098              | 2           | 2099                 | 2        |
| 42-6                    | 10          | 48-8C             | 10          | 56-12             | 2           | 110-ED            | 5           | 854-L             | 4           | BV2103-B          | 4           | 2491                 | 2        |
| 42-8                    | 10          | 48-8D             | 10          | 58-4              | 10          | 116-B             | 10          | 1985              | 5           | BV2103-C          | 4           | 2499                 | 2        |
| 42-10                   | 4           | 48-8E             | 10          | 58-6              | 10          | 116-C             | 5           | 2000              | 5           | BV2103-D          | 4           | GR-360               | 2        |
| 42-12                   | 4           | 48-10D            | 4           | 58-8              | 5           | 116-D             | 4           | 2002              | 5           | BV2103-E          | 2           | GR-800               | 2        |
| 42R-86                  | 4           | 48-12E            | 4           | 58-10             | 5           | 116-E             | 2           | 2003-T            | 5           | GR-1B-200         | 4           | GR-9950              | 2        |
| 42R-108                 | 4           | 49-4A             | 10          | 58-12             | 2           | 120-BA            | 5           | 2004              | 4           | GR-555            | 2           | GR-9984              | 1        |
| 44-4                    | 10          | 49-4B             | 10          | 100-B             | 10          | 120-CB            | 5           | 2005-6            | 4           | PLUG-POL          | 5           | LAB-PRO-80           | 1        |
| 44-6                    | 10          | 49-6B             | 10          | 100-C             | 5           | 120-DC            | 5           | 2005-8            | 4           | QD-GMC6-6F        | 4           |                      |          |
| 44-8                    | 5           | 49-6C             | 10          | 100-D             | 5           | 121-B             | 10          | 2010              | 4           | QD-GMC8-8F        | 2           |                      |          |
| 44-10                   | 2           | 49-6D             | 10          | 101-B             | 10          | 121-C             | 10          | 2011-B            | 4           | QD-GMN6-6F        | 4           |                      |          |
| 44-12                   | 2           | 49-8C             | 5           | 101-C             | 5           | 121-D             | 5           | 2011-D            | 4           | QD-GMN8-8F        | 2           |                      |          |
| 46-4B                   | 5           | 49-8D             | 5           | 101-D             | 5           | 122-B             | 10          | 2016-B            | 4           | QD-GMRVC4-4F      | 4           |                      |          |

## Truck & Trailer Assortment for 80 Drawer / Bin Cabinet KIT-TRUCK-80

| Fairview PART No.       | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No.    | Bin Qty. |
|-------------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|----------------------|----------|
| Cabinet Drawer Products |             | 122-B             | 10          | 1468-6A           | 10          | 1490-6            | 10          | 1496-DC           | 2           | X115-D            | 5           | Cabinet Bin Products |          |
| 103-A                   | 10          | 122-C             | 10          | 1468-6B           | 10          | 1490-8            | 10          | 1497-DB           | 2           | X124-B            | 10          | 4120R-6C-RK          | 2        |
| 103-B                   | 10          | 122-D             | 10          | 1468-6C           | 10          | 1491-6            | 10          | 2120-B            | 5           | X124-C            | 10          | 4120R-6D-RK          | 2        |
| 103-C                   | 10          | 240-B             | 10          | 1468-8C           | 10          | 1491-8            | 10          | 4134-6B           | 10          | X124-D            | 5           | 4120R-8C-RK          | 2        |
| 103-D                   | 10          | 1460-4            | 10          | 1468-8D           | 10          | 1492-6B           | 5           | 4134-6C           | 10          |                   |             | BV2101-C             | 2        |
| 109-B                   | 10          | 1460-6            | 10          | 1469-4A           | 10          | 1492-6C           | 5           | HAB-HANGER-6      | 10          |                   |             | BV2101-D             | 2        |
| 109-C                   | 10          | 1460-8            | 10          | 1469-4B           | 10          | 1492-6D           | 5           | HAB-HANGER-8      | 10          |                   |             | BV4103-B             | 5        |
| 110-BA                  | 10          | 1460-10           | 10          | 1469-6A           | 10          | 1492-6S           | 2           | HAB-HCU-6         | 5           |                   |             | BV4103-C             | 5        |
| 110-CB                  | 10          | 1461-4            | 10          | 1469-6B           | 10          | 1492-8C           | 2           | TS17R-4           | 10          |                   |             | BV4103-D             | 5        |
| 110-DB                  | 10          | 1461-6            | 10          | 1469-6C           | 10          | 1492-8D           | 2           | TS17R-6           | 10          |                   |             | QD-BTTWC16-16F       | 2        |
| 110-DC                  | 10          | 1461-8            | 10          | 1469-8C           | 5           | 1492-8S           | 2           | TS17R-8           | 10          |                   |             | QD-BTTWN16-16F       | 2        |
| 110-ED                  | 5           | 1462-4            | 10          | 1471-6B           | 5           | 1493-6C           | 2           | TS17R-10          | 10          |                   |             | LAB-TRUCK-80         | 1        |
| 120-BA                  | 10          | 1462-6            | 10          | 1472-6B           | 5           | 1493-6D           | 2           | TS17R-12          | 10          |                   |             |                      |          |
| 120-CB                  | 10          | 1462-8            | 5           | 1474-6B           | 10          | 1493-8C           | 2           | TS17R-16          | 10          |                   |             |                      |          |
| 120-DC                  | 10          | 1462-10           | 5           | 1474-6C           | 10          | 1495-C            | 5           | X107-B            | 5           |                   |             |                      |          |
| 121-A                   | 10          | 1464-4            | 10          | 1481-4            | 10          | 1495-L            | 5           | X107-C            | 10          |                   |             |                      |          |
| 121-B                   | 10          | 1464-6            | 5           | 1481-6            | 10          | 1495-S            | 10          | X115-A            | 10          |                   |             |                      |          |
| 121-C                   | 10          | 1468-4A           | 10          | 1481-8            | 10          | 1495B-C           | 5           | X115-B            | 10          |                   |             |                      |          |
| 121-D                   | 10          | 1468-4B           | 10          | 1481-10           | 10          | 1495B-D           | 2           | X115-C            | 10          |                   |             |                      |          |

## Industrial Distributor Assortment for 80 Drawer / Bin Cabinet KIT-INDUST-80

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No.    | Bin Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|----------------------|----------|
| 41-4              | 10          | 60-10             | 10          | 103-E             | 5           | 113-A2            | 10          | 121-C             | 10          | X100-A            | 10          | Cabinet Bin Products |          |
| 41-5              | 10          | 61-2              | 10          | 109-A             | 10          | 113-A3            | 10          | 121-D             | 10          | X100-B            | 10          | BV2103-B             | 5        |
| 41-6              | 10          | 61-3              | 10          | 109-B             | 10          | 113-B1-1/2        | 10          | 122-A             | 10          | X101-A            | 10          | BV2103-C             | 4        |
| 48-4A             | 10          | 61-4              | 10          | 109-C             | 10          | 113-B2            | 10          | 122-B             | 10          | X101-B            | 10          | BV2103-D             | 4        |
| 48-4B             | 10          | 61-6              | 10          | 109-D             | 10          | 113-B2-1/2        | 10          | 122-C             | 10          | X101-C            | 5           | BV2103-E             | 3        |
| 48-5B             | 5           | 61-8              | 10          | 110-BA            | 10          | 116-A             | 10          | 122-CB            | 10          | X101-D            | 2           | BV2103-H             | 2        |
| 48-6B             | 10          | 62-4              | 10          | 110-CA            | 10          | 116-B             | 10          | 122-D             | 5           | X107-A            | 10          | BVCS2103-D           | 3        |
| 48-6C             | 10          | 62-6              | 10          | 110-CB            | 10          | 116-C             | 5           | 122-DC            | 5           | X107-B            | 10          | BVCS2103-E           | 3        |
| 48-8C             | 10          | 62-8              | 5           | 110-DB            | 10          | 116-D             | 2           | 122-E             | 5           | X107-C            | 5           | BVSS2203-C           | 2        |
| 48-8D             | 5           | 62-10             | 5           | 110-DC            | 10          | 118-A             | 10          | 125-4B            | 10          | X115-A            | 10          | BVSS2203-D           | 2        |
| 48-10D            | 5           | 68-4A             | 10          | 110-EB            | 5           | 118-B             | 10          | 125-6B            | 10          | X115-B            | 10          | BVSS2203-E           | 2        |
| 49-4A             | 10          | 68-4B             | 10          | 110-EC            | 5           | 119-BA            | 10          | 125-6C            | 10          | X115-C            | 10          | LAB-INDUST-80        | 1        |
| 49-4B             | 10          | 68-6B             | 10          | 110-ED            | 5           | 119-CB            | 10          | 125-8C            | 10          | X115-D            | 5           |                      |          |
| 49-6B             | 10          | 68-6C             | 10          | 110-HE            | 5           | 119-DC            | 5           | 125-8D            | 5           | X124-A            | 10          |                      |          |
| 49-6C             | 10          | 69-4A             | 10          | 112-A             | 10          | 120-BA            | 10          | 125-10D           | 5           | X124-B            | 10          |                      |          |
| 60-2              | 20          | 69-4B             | 10          | 112-B             | 10          | 120-CB            | 10          | 125-12D           | 5           | X124-C            | 10          |                      |          |
| 60-3              | 20          | 103-A             | 10          | 112-C             | 10          | 120-CC            | 10          | 125-12E           | 5           | X124-D            | 5           |                      |          |
| 60-4              | 20          | 103-B             | 10          | 112-D             | 10          | 120-DC            | 10          | 129-4             | 10          |                   |             |                      |          |
| 60-6              | 20          | 103-C             | 10          | 112-E             | 5           | 121-A             | 10          | 129-6             | 10          |                   |             |                      |          |
| 60-8              | 20          | 103-D             | 5           | 113-A1-1/2        | 10          | 121-B             | 10          | 129-8             | 10          |                   |             |                      |          |



**Note: Product selections and suggested drawer quantities in these label sets are based on specified industry or product groups and cabinet space availability. Cabinets & Product Must Be Purchased Separately.**

**Automotive Assortment for 110 Drawer Cabinet KIT-AUTO-110**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 41-4              | 10          | 64-6              | 5           | 110-BA            | 10          | 121-B             | 10          | 149-3A            | 10          | 1460-6            | 10          | 1474-6C           | 5           | SL141-4           | 10          |
| 41-6              | 10          | 66-4A             | 10          | 110-CA            | 10          | 121-C             | 10          | 149-4A            | 10          | 1460-8            | 10          | 1481-4            | 10          | WH-1442           | 10          |
| 42-6              | 10          | 66-6B             | 10          | 110-CB            | 10          | 121-D             | 10          | 149-5A            | 5           | 1460-10           | 10          | 1481-6            | 10          | WH-1443           | 5           |
| 48-4A             | 10          | 68-2A             | 10          | 110-DA            | 10          | 121-E             | 5           | 240-A             | 10          | 1460-12           | 10          | 1481-8            | 10          | WH-1548           | 5           |
| 48-6B             | 10          | 68-3A             | 10          | 110-DB            | 10          | 122-A             | 10          | 240-B             | 10          | 1461-4            | 10          | 1481-10           | 10          | WH-7818           | 10          |
| 48-6C             | 10          | 68-4A             | 10          | 110-DC            | 10          | 122-B             | 10          | 241-B             | 2           | 1461-6            | 10          | 1490-6            | 10          | WH-7828           | 10          |
| 48-8C             | 5           | 68-4B             | 10          | 110-EC            | 5           | 122-BA            | 10          | 325-3A            | 10          | 1461-8            | 10          | 1490-8            | 10          | WH-7829           | 10          |
| 48-8D             | 5           | 68-5A             | 10          | 110-ED            | 5           | 122-C             | 10          | 325-4A            | 10          | 1462-4            | 10          | 1493-6C           | 2           | WH-7911           | 5           |
| 49-4A             | 10          | 68-5B             | 10          | 112-A             | 10          | 122-CB            | 10          | 325-4B            | 10          | 1462-6            | 5           | 1493-6D           | 2           | WH-7936           | 2           |
| 60-2              | 20          | 68-6A             | 10          | 112-B             | 10          | 122-D             | 5           | 325-5A            | 10          | 1462-8            | 5           | 2103-A            | 2           | X100-A            | 10          |
| 60-3              | 20          | 68-6B             | 10          | 112-C             | 10          | 141-3             | 10          | 325-5B            | 10          | 1462-10           | 5           | 2103-B            | 2           | X100-B            | 10          |
| 60-4              | 20          | 68-6C             | 10          | 112-D             | 10          | 141-4             | 10          | 325-6A            | 10          | 1464-4            | 5           | 2120-A            | 2           | X101-A            | 5           |
| 60-6              | 20          | 68-8C             | 5           | 113-A1-1/2        | 10          | 141-5             | 10          | 325-6B            | 10          | 1468-4A           | 10          | 2120-B            | 2           | X101-B            | 5           |
| 60-8              | 20          | 68-8D             | 5           | 113-A2            | 10          | 142-3             | 10          | 325-6C            | 5           | 1468-4B           | 10          | PC1462-4          | 5           | X101-C            | 5           |
| 60-10             | 10          | 69-4A             | 10          | 113-B1-1/2        | 10          | 142-4             | 10          | 325-10C           | 5           | 1468-4C           | 10          | PC1462-6          | 5           | X101-D            | 2           |
| 61-2              | 10          | 69-6B             | 5           | 113-B2            | 10          | 142-5             | 10          | 325-10D           | 5           | 1468-6A           | 10          | PC1468-4A         | 5           | X106-A            | 5           |
| 61-3              | 10          | 103-A             | 10          | 113-C2            | 10          | 142-6             | 10          | 325-12D           | 5           | 1468-6B           | 10          | PC1468-4B         | 5           | X106-B            | 5           |
| 61-4              | 10          | 103-B             | 10          | 119-BA            | 10          | 142EU-3           | 10          | 335-66            | 5           | 1468-6C           | 5           | PC1468-6B         | 5           | X107-A            | 5           |
| 61-6              | 10          | 103-C             | 10          | 119-CB            | 10          | 142JA-3           | 5           | 339-4A            | 5           | 1468-8C           | 5           | PL141-3           | 10          | X107-B            | 5           |
| 62-2              | 10          | 103-D             | 5           | 119-DC            | 5           | 144-3             | 10          | 339-5B            | 5           | 1468-8D           | 5           | PL141-4           | 10          | X115-A            | 10          |
| 62-3              | 10          | 108-A             | 10          | 120-AA            | 10          | 144-4             | 5           | 339-6B            | 5           | 1469-4A           | 10          | PL141-5           | 10          | X115-B            | 10          |
| 62-4              | 10          | 108-B             | 10          | 120-BA            | 10          | 148-3A            | 10          | 481-4             | 10          | 1469-4B           | 10          | PL141-6           | 10          | X115-C            | 10          |
| 62-5              | 10          | 108-C             | 10          | 120-BB            | 10          | 148-4A            | 10          | 481-4H            | 10          | 1469-6B           | 10          | S141-3            | 10          | X115-D            | 5           |
| 62-6              | 10          | 109-A             | 10          | 120-CB            | 10          | 148-4B            | 10          | 481-5             | 10          | 1469-6C           | 5           | S141-4            | 10          | X124-A            | 10          |
| 62-8              | 10          | 109-B             | 10          | 120-CC            | 10          | 148-5A            | 10          | 481-6             | 10          | 1469-8B           | 5           | S141-5            | 10          | X124-B            | 10          |
| 62-10             | 5           | 109-C             | 10          | 120-DC            | 10          | 148-5B            | 10          | 481-8             | 10          | 1469-8C           | 5           | S141-6            | 10          | X124-C            | 10          |
| 64-4              | 5           | 109-D             | 10          | 121-A             | 10          | 148-6B            | 10          | 1460-4            | 10          | 1472-4A           | 5           | SL141-3           | 25          | LAB-AUTO-110      | 1           |

**Industrial Distributor Assortment for 110 Drawer Cabinet KIT-INDUST-110**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 41-4              | 10          | 61-2              | 10          | 103-B             | 10          | 112-A             | 10          | 120-BA            | 10          | 125-4B            | 10          | 193-8             | 10          | QD-WHCF           | 2           |
| 41-5              | 10          | 61-3              | 10          | 103-C             | 10          | 112-B             | 10          | 120-BB            | 10          | 125-4C            | 10          | 193-10            | 10          | QD-WHNM           | 2           |
| 41-6              | 10          | 61-4              | 10          | 103-D             | 5           | 112-C             | 10          | 120-CB            | 10          | 125-4D            | 5           | 193-12            | 5           | X100-A            | 10          |
| 42-4              | 10          | 61-6              | 10          | 103-E             | 5           | 112-D             | 10          | 120-CC            | 10          | 125-5B            | 10          | 194-D             | 5           | X100-B            | 10          |
| 42-6              | 10          | 61-8              | 10          | 108-A             | 10          | 112-E             | 5           | 120-DB            | 5           | 125-6A            | 10          | 195-8             | 10          | X101-A            | 10          |
| 42-8              | 10          | 62-3              | 10          | 108-B             | 10          | 113-A1-1/2        | 10          | 120-DC            | 10          | 125-6B            | 10          | 195-10            | 10          | X101-B            | 10          |
| 48-4A             | 10          | 62-4              | 10          | 108-C             | 10          | 113-A2            | 10          | 120-ED            | 5           | 125-6C            | 10          | 195-12            | 5           | X101-C            | 5           |
| 48-4B             | 10          | 62-5              | 10          | 108-D             | 5           | 113-A3            | 10          | 121-A             | 10          | 125-6D            | 5           | 196-D             | 5           | X101-D            | 2           |
| 48-5B             | 5           | 62-6              | 10          | 108-E             | 5           | 113-B1-1/2        | 10          | 121-B             | 10          | 125-8B            | 10          | 196-E             | 5           | X107-A            | 10          |
| 48-6B             | 10          | 62-8              | 5           | 109-A             | 10          | 113-B2            | 10          | 121-C             | 10          | 125-8C            | 10          | 196-W             | 5           | X107-B            | 10          |
| 48-6C             | 10          | 62-10             | 5           | 109-B             | 10          | 113-B2-1/2        | 10          | 121-D             | 10          | 125-8D            | 5           | 197-D             | 5           | X107-C            | 5           |
| 48-8C             | 10          | 66-4A             | 10          | 109-C             | 10          | 116-A             | 10          | 121-E             | 5           | 125-10C           | 5           | 197-E             | 5           | X115-A            | 10          |
| 48-8D             | 5           | 66-4B             | 10          | 109-D             | 10          | 116-B             | 10          | 122-A             | 10          | 125-10D           | 5           | 199S-D            | 5           | X115-B            | 10          |
| 48-10D            | 5           | 68-3A             | 10          | 109-E             | 5           | 116-C             | 5           | 122-B             | 10          | 125-12D           | 5           | 199S-E            | 5           | X115-C            | 10          |
| 49-4A             | 10          | 68-4A             | 10          | 110-BA            | 10          | 116-D             | 2           | 122-BA            | 10          | 125-12E           | 5           | 200-HKC           | 5           | X115-D            | 5           |
| 49-4B             | 10          | 68-4B             | 10          | 110-CA            | 10          | 118-A             | 10          | 122-C             | 10          | 125-16E           | 2           | 200-W             | 10          | X124-A            | 10          |
| 49-6B             | 10          | 68-6B             | 10          | 110-CB            | 10          | 118-B             | 10          | 122-CB            | 10          | 125-16H           | 2           | 480-4             | 20          | X124-B            | 10          |
| 49-6C             | 10          | 68-6C             | 10          | 110-DA            | 10          | 118-C             | 10          | 122-D             | 5           | 129-3             | 10          | 480-6             | 20          | X124-C            | 10          |
| 60-2              | 20          | 68-6D             | 5           | 110-DB            | 10          | 118-D             | 10          | 122-DB            | 5           | 129-4             | 10          | 480-8             | 20          | X124-D            | 5           |
| 60-3              | 20          | 68-8D             | 5           | 110-DC            | 10          | 119-BA            | 10          | 122-DC            | 5           | 129-5             | 10          | 481-4             | 20          | LAB-INDUST-110    | 1           |
| 60-4              | 20          | 69-4A             | 10          | 110-EB            | 5           | 119-CB            | 10          | 122-E             | 5           | 129-6             | 10          | 481-4H            | 10          |                   |             |
| 60-6              | 20          | 69-4B             | 10          | 110-EC            | 5           | 119-DB            | 5           | 125-2A            | 10          | 129-8             | 10          | 481-6             | 20          |                   |             |
| 60-8              | 20          | 69-6B             | 10          | 110-ED            | 5           | 119-DC            | 5           | 125-3B            | 10          | 129-10            | 5           | 481-8             | 20          |                   |             |
| 60-10             | 10          | 103-A             | 10          | 110-HE            | 5           | 120-AA            | 10          | 125-4A            | 10          | 129-12            | 5           | GHW               | 10          |                   |             |

**Truck & Trailer Assortment for 110 Drawer Cabinet KIT-TRUCK-110**

| Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. | Fairview PART No. | Drawer Qty. |
|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|
| 103-A             | 10          | 120-DC            | 10          | 868-2A            | 10          | 1468-6A           | 10          | 1481-6            | 10          | 1495-L            | 5           | PC1468-6B         | 5           | TS17R-10          | 10          |
| 103-B             | 10          | 121-A             | 10          | 868-2-1/2A        | 10          | 1468-6B           | 10          | 1481-8            | 10          | 1495-S            | 10          | PC1468-6C         | 5           | TS17R-12          | 10          |
| 103-C             | 10          | 121-B             | 10          | 869-2A            | 10          | 1468-6C           | 10          | 1481-10           | 10          | 1495B-C           | 5           | PC1469-4A         | 5           | TS17R-16          | 10          |
| 103-D             | 10          | 121-C             | 10          | 869-2-1/2A        | 10          | 1468-8C           | 10          | 1490-6            | 10          | 1495B-D           | 2           | PC1469-4B         | 5           | X101-B            | 5           |
| 109-A             | 10          | 121-D             | 10          | 1460-4            | 10          | 1468-8D           | 10          | 1490-8            | 10          | 1496-DC           | 2           | PC1469-6B         | 5           | X101-C            | 5           |
| 109-B             | 10          | 121-E             | 10          | 1460-6            | 10          | 1468-10D          | 5           | 1491-6            | 10          | 1497-DB           | 2           | PC1469-6C         | 5           | X107-B            | 5           |
| 109-C             | 10          | 122-A             | 10          | 1460-8            | 10          | 1469-4A           | 10          | 1491-8            | 10          | 2120-B            | 5           | PC1469SW-4A       | 5           | X107-C            | 10          |
| 109-D             | 5           | 122-B             | 10          | 1460-10           | 10          | 1469-4B           | 10          | 1492-6B           | 5           | 4134-6B           | 10          | PC1469SW-4B       | 5           | X115-A            | 10          |
| 110-BA            | 10          | 122-C             | 10          | 1461-4            | 10          | 1469-6A           | 10          | 1492-6C           | 5           | 4134-6C           | 10          | TS16R-6           | 10          | X115-B            | 10          |
| 110-CB            | 10          | 122-CB            | 10          | 1461-6            | 10          | 1469-6B           | 10          | 1492-6D           | 5           | BV4103-B          | 5           | TS16R-8           | 10          | X115-C            | 10          |
| 110-DB            | 10          | 122-D             | 10          | 1461-8            | 10          | 1469-6C           | 10          | 1492-6S           | 2           | BV4103-C          | 5           | TS16R-10          | 10          | X115-D            | 5           |
| 110-DC            | 10          | 240-B             | 10          | 1461-10           | 10          | 1469-8C           | 5           | 1492-8C           | 2           | BV4103-D          | 2           | TS16R-12          | 10          | X124-B            | 10          |
| 110-ED            | 5           | 241-B             | 5           | 1462-4            | 10          | 1469-8D           | 5           | 1492-8D           | 2           | HAB-HANGER-6      | 10          | TS16R-16          | 10          | X124-C            | 10          |
| 112-B             | 10          | 860-2             | 10          | 1462-6            | 10          | 1469-10D          | 5           | 1492-8S           | 2           | HAB-HANGER-8      | 10          | TS16R-20          | 10          | X124-D            | 5           |
| 112-C             | 10          | 860-2-1/2         | 10          | 1462-8            | 5           | 1471-6B           | 5           | 1493-6B           | 2           | HAB-HCU-6         | 5           | TS16R-24          | 10          | LAB-TRUCK-110     | 1           |
| 112-D             | 10          | 861-2             | 10          | 1462-10           | 5           | 1471-6C           | 5           | 1493-6C           | 2           | PC1462-4          | 5           | TS16R-32          | 10          |                   |             |
| 120-BA            | 10          | 861-2-1/2         | 10          | 1464-4            | 10          | 1472-6B           | 5           | 1493-6D           | 2           | PC1462-6          | 5           | TS16R-40          | 5           |                   |             |
| 120-BB            | 10          | 862-2             | 10          | 1464-6            | 5           | 1474-6B           | 10          | 1493-8C           | 2           | PC1462-8          | 5           | TS17R-4           | 10          |                   |             |
| 120-CB            | 10          | 862-2-1/2         | 5           | 1468-4A           | 10          | 1474-6C           | 10          | 1493-8D           | 2           | PC1468-4A         | 5           | TS17R-6           | 10          |                   |             |
| 120-CC            | 10          | 868-2-1           | 10          | 1468-4B           | 10          | 1481-4            | 10          | 1495-C            | 5           | PC1468-4B         | 5           | TS17R-8           | 10          |                   |             |





**OVERALL DIMENSIONS:**  
**Height** 67 inches  
**Depth** 24 inches  
**Width** 18 inches  
 Product Not Included.



**ACCUTEK®**



**Fairview**



**GAS~FLO®**

## FEATURES:

Fairview display racks stand on their own and have the ability to present products in a variety of configurations. Featured in one of three Fairview color schemes. The display racks come complete with frame, legs, back-board panel and shelf for displaying up to 42 individually bubble-packed, bar-coded products. Easy to assemble. (Gang Hooks Selection Below)

## Stand Alone Display Racks

BASIC UNIT: Frame, Legs, Shelf & (Back-Board see below)

| PART No. | Description           |
|----------|-----------------------|
| 25-DR    | Standing Display Rack |

BACK-BOARDS (select - 1 per unit)

| PART No.          | Description                      |
|-------------------|----------------------------------|
| 25-DR-PANEL-A     | Accutek® Backboard (English)     |
| 25-DR-PANEL-AF    | Accutek® Backboard (French)      |
| 25-DR-PANEL-G     | Fairview Backboard (General Use) |
| 25-DR-PANEL-GAS   | Gas-Flo® Backboard (English)     |
| 25-DR-PANEL-GAS-F | Gas-Flo® Backboard (French)      |

GANG HOOKS (See gang hook requirements below)

| PART No. | Description               |
|----------|---------------------------|
| DR-3GH   | Gang Hook - for 3 Product |
| DR-4GH   | Gang Hook - for 4 Product |
| DR-5GH   | Gang Hook - for 5 Product |
| DR-6GH   | Gang Hook - for 6 Product |

LEGS, SHELF AND FRAME

| PART No.                                            | Description                                          |
|-----------------------------------------------------|------------------------------------------------------|
| 25-DR-LEGS                                          | Set of Rack Legs, complete with leveling screw feet. |
| 25-DR-SHELF                                         | Shelf                                                |
| Shelf Dimensions: Width 24 inches, Length 18 inches |                                                      |
| B25-DR                                              | Frame with sign retainer                             |

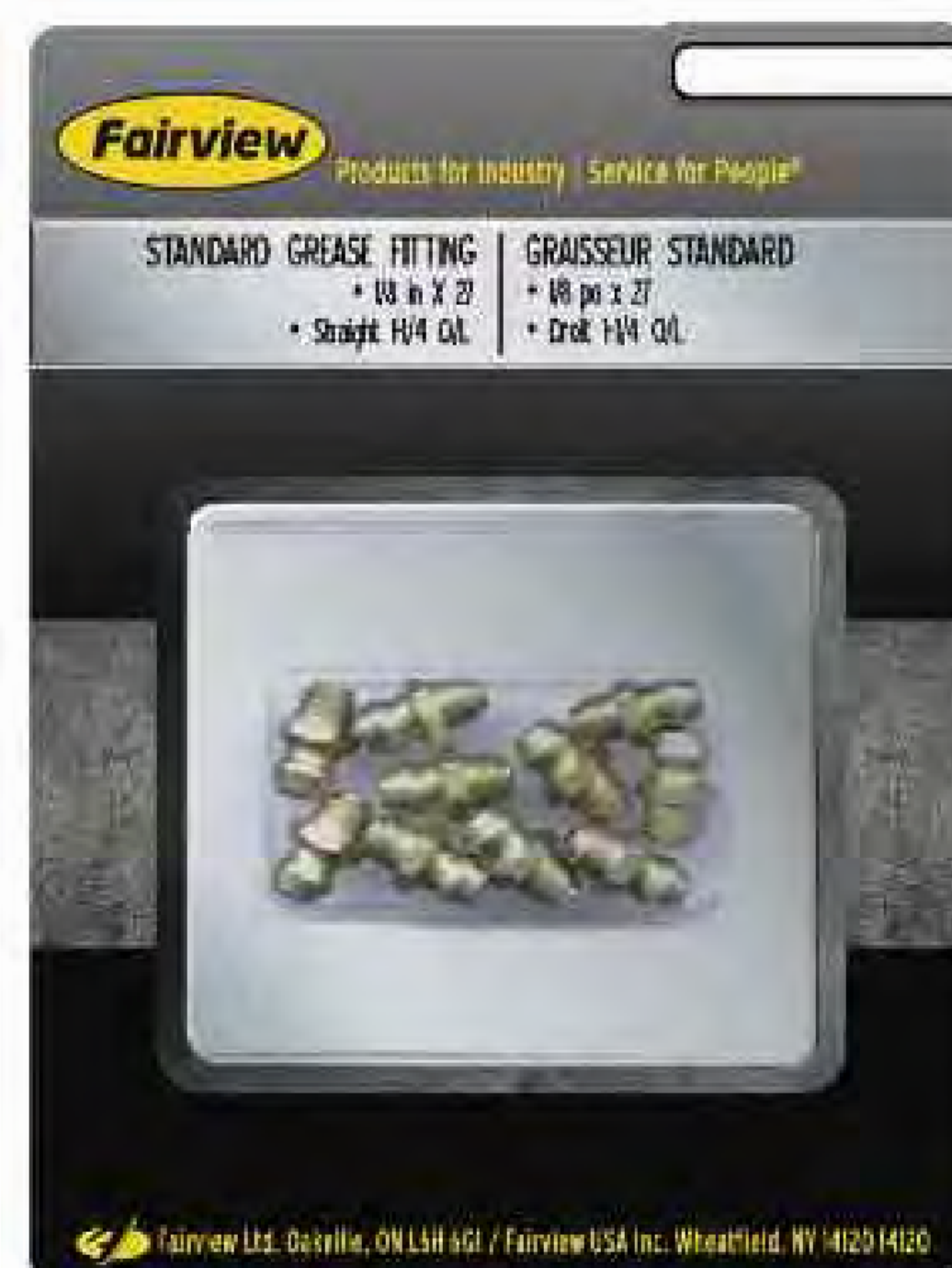
| KIT      | 3 Hook | 4 Hook | 5 Hook | 6 Hook |
|----------|--------|--------|--------|--------|
| GAS-GG   | 0      | 2      | 1      | 1      |
| GAS-RV   | 0      | 2      | 0      | 2      |
| GAS-RVGG | 2      | 0      | 0      | 2      |



Featured in Fairview's Black and Yellow colors; Fairview carries a wide assortment of packaged / bar coded items. Suitable for use on our Fairview Display Rack or your Pegboard System. Hose assemblies are supplied bagged with one hole punched header cards. Selected items on bubble packed heat sealed cards.



**Grease Products Available with Fairview Retail Product Packaging (Many other items available on request)**



**\* ITEMS CAN BE PURCHASED SEPARATELY Please Contact Your Local Fairview Ltd.**

| PART No.   | Rack Qty. | Total Pcs. | Description                                     |
|------------|-----------|------------|-------------------------------------------------|
| C10-GN-608 | 3         | 30         | 5/16 Drive Fit Grease Fitting x 10              |
| C10-GN-610 | 3         | 30         | 1/8 x 27 Straight Grease Fitting x 10           |
| C10-GN-612 | 3         | 30         | 1/8 x 27 65° Angle Grease Fitting x 10          |
| C10-GN-613 | 3         | 30         | 1/8 x 27 90° Angle Grease Fitting x 10          |
| C10-GN-627 | 3         | 30         | 1/4 x 18 Straight Grease Fitting x 10           |
| C10-GN-629 | 3         | 30         | 1/4 x 18 65° Angle Grease Fitting x 10          |
| C10-GN-637 | 3         | 30         | 1/4 x 28 45° Angle Grease Fitting x 10          |
| C10-GN-641 | 3         | 30         | 1/4 x 28 Straight Grease Fitting x 10           |
| C10-GN-652 | 3         | 30         | 1/4 x 28 Straight 11/16 O/L Grease Fitting x 10 |
| C10-GN-680 | 3         | 30         | 1/4 x 28 Straight 15/16 O/L Grease Fitting x 10 |
| C10-GN-688 | 3         | 30         | 1/8 x 27 45° Angle Grease Fitting x 10          |
| C10-GN-728 | 3         | 30         | 3/16 Drive Fit Grease Fitting x 10              |
| C10-GN-743 | 3         | 30         | 1/4 Drive Fit Grease Fitting x 10               |

| PART No.    | Rack Qty. | Total Pcs. | Description                                 |
|-------------|-----------|------------|---------------------------------------------|
| C10-GN-911  | 3         | 30         | 1/4 x 28 90° Angle Grease Fitting x 10      |
| C10-GNM-045 | 3         | 30         | M6 x 1 45° Angle Metric Grease Fitting x 10 |
| C10-GNM-090 | 3         | 30         | M6 x 1 90° Angle Metric Grease Fitting x 10 |
| C10-GNM-301 | 3         | 30         | M10 x 1 Straight Metric Grease Fitting x 10 |
| C10-GNM-601 | 3         | 30         | M6 x 1 Straight Metric Grease Fitting x 10  |
| C10-GNM-901 | 3         | 30         | M8 x 1 Straight Metric Grease Fitting x 10  |
| C-GWC-A     | 3         | 3          | 1/8 NPT 4 - Jaw Grease Coupler              |
| GG-SDL      | 1         | 1          | Standard Duty Lever Grease Gun              |
| GG-SDPG     | 1         | 1          | Standard Duty Pistol Grip Grease Gun        |
| GWR-3-12P   | 2         | 2          | Grease Whip Assy,12 OAL                     |
| GWR-3-18P   | 2         | 2          | Grease Whip Assy,18 OAL                     |
| GWR-3-24P   | 2         | 2          | Grease Whip Assy,24 OAL                     |

**PRESSURE GAUGE COUNTER DISPLAY**

**Counter Display**

**PART No. PGD-RACK**

Rack is featured in Accutek's red, blue and yellow colors. Holds up to 10 Accutek® pressure gauges and documentation.

Overall: Height 14.25 inches  
Width 14.5 inches  
Depth 7.75 inches







## MERCHANDISING STAND



- Includes:
- Header Board and Stand
  - Literature Holder and Literature

Not exactly as shown

Part No.  
**JGSTAND-HARDWARE**

### HARDWARE PRE-PACK STAND INCLUDES:

| PART NO.        | DESCRIPTION                                                        | QTY |
|-----------------|--------------------------------------------------------------------|-----|
| PP010822WP      | POLYPROPYLENE MALE CONNECTOR 1/4 X 1/4 NPTF, SINGLE PACKED         | 5   |
| PP011223WP      | POLYPROPYLENE MALE CONNECTOR 3/8 X 3/8 NPTF, SINGLE PACKED         | 5   |
| PP0208WP        | POLYPROPYLENE UNION TEE 1/4, SINGLE PACKED                         | 5   |
| PP0212WP        | POLYPROPYLENE UNION TEE 3/8, SINGLE PACKED                         | 5   |
| PP0308WP        | POLYPROPYLENE UNION ELBOW 1/4, SINGLE PACKED                       | 5   |
| PP0312WP        | POLYPROPYLENE UNION ELBOW 3/8, SINGLE PACKED                       | 5   |
| PP0408WP        | POLYPROPYLENE UNION CONNECTOR 1/4, SINGLE PACKED                   | 5   |
| PP0412WP        | POLYPROPYLENE UNION CONNECTOR 3/8, SINGLE PACKED                   | 5   |
| PPSV040808WP    | POLYPROPYLENE SHUT-OFF VALVE, 1/4, SINGLE PACKED                   | 5   |
| PPSV041212WP    | POLYPROPYLENE SHUT-OFF VALVE, 3/8, SINGLE PACKED                   | 5   |
| ASVPP1LF        | POLYPROPYLENE ANGLE STOP ADAPTER VALVE, 3/8 X 3/8 X 1/4 - LOW LEAD | 5   |
| ASVPP2LF        | POLYPROPYLENE ANGLE STOP ADAPTER VALVE, 3/8 X 3/8 X 3/8 - LOW LEAD | 5   |
| PSEI012024P     | MALE CONNECTOR, 1/2" CTS X 1/2" NPT, SINGLE PACKED                 | 5   |
| PSEI012826P     | MALE CONNECTOR, 3/4" CTS X 3/4" NPT, SINGLE PACKED                 | 5   |
| PEI0220P        | PEX UNION TEE, 1/2 CTS, SINGLE PACKED                              | 5   |
| PEI0228P        | PEX UNION TEE, 3/4 CTS, SINGLE PACKED                              | 5   |
| PEI0320P        | PEX UNION ELBOW, 1/2 CTS, SINGLE PACKED                            | 5   |
| PEI0328P        | PEX UNION ELBOW, 3/4 CTS, SINGLE PACKED                            | 5   |
| PEI0420P        | PEX COUPLER, 1/2 CTS, SINGLE PACKED                                | 5   |
| PEI0428P        | PEX COUPLER, 3/4 CTS, SINGLE PACKED                                | 5   |
| PSEI4620P       | TEST CAP, 1/2 CTS, SINGLE PACKED                                   | 5   |
| PSEI4628P       | TEST CAP, 3/4 CTS, SINGLE PACKED                                   | 5   |
| PSEISV20P       | SHUT-OFF VALVE, 1/2 CTS                                            | 5   |
| PSEISV28P       | SHUT-OFF VALVE, 3/4 CTS                                            | 5   |
| WSK-W           | WATER SUPPLY KIT                                                   | 3   |
| PE-08-BI-025F-N | LLDPE TUBING 1/4 OD, NATURAL (25 FT. ROLL)                         | 3   |
| PE-12-EI-025F-N | LLDPE TUBING 3/8 OD, NATURAL (25 FT. ROLL)                         | 3   |
| JGSTAND6        | PRE-PACK PLUMBING STAND                                            | 1   |

### BAG COLOR KEY:

PMS 226

1/4" O.D. Sizes

PMS 361U

3/8" O.D. Sizes

White

5/16" O.D. Sizes

PMS 021U

1/2" O.D. Sizes





**MERCHANDISING STAND**



**Water Treatment Center**

| PartNo.<br><b>WTC-3</b> |                                               |     |
|-------------------------|-----------------------------------------------|-----|
| <b>Includes</b>         |                                               |     |
| PART NUMBER             | DESCRIPTION                                   | QTY |
| PP010822WP              | 1/4" X 1/4" NPT MALE CONNECTOR, PRE-PACKED    | 5   |
| PP010823WP              | 1/4" X 3/8" NPT MALE CONNECTOR, PRE-PACKED    | 5   |
| PP011222WP              | 3/8" X 1/4" NPT MALE CONNECTOR, PRE-PACKED    | 5   |
| PP011223WP              | 3/8" X 3/8" NPT MALE CONNECTOR, PRE-PACKED    | 5   |
| PP0208WP                | 1/4" UNION TEE, PRE-PACKED                    | 5   |
| PP0212WP                | 3/8" UNION TEE, PRE-PACKED                    | 5   |
| PP0308WP                | 1/4" UNION ELBOW, PRE-PACKED                  | 5   |
| PP0312WP                | 3/8" UNION ELBOW, PRE-PACKED                  | 5   |
| PP0408WP                | 1/4" UNION CONNECTOR, PRE-PACKED              | 5   |
| PP0412WP                | 3/8" UNION CONNECTOR, PRE-PACKED              | 5   |
| PP201208WP              | 3/8" X 1/4" REDUCING UNION, PRE-PACKED        | 5   |
| PP450822WP              | 1/4" X 1/4" NPTF FEMALE CONNECTOR, PRE PACKED | 5   |
| PP451222WP              | 3/8" X 1/4" NPTF FEMALE CONNECTOR, PRE PACKED | 5   |
| PP480822WP              | 1/4" X 1/4" NPTF FIXED ELBOW, PRE PACKED      | 5   |
| PP481222WP              | 3/8" X 1/4" NPTF FIXED ELBOW, PRE PACKED      | 5   |
| PP481223WP              | 3/8" X 3/8" NPTF FIXED ELBOW, PRE PACKED      | 5   |
| PPSV010822WP            | 1/4" X 1/4" NPTF SHUT-OFF VALVE, PRE PACKED   | 5   |
| PPSV011223WP            | 3/8" X 3/8" NPTF SHUT-OFF VALVE, PRE PACKED   | 5   |

**Water Treatment Center**

| PartNo.<br><b>WTC-2</b> |                                                 |     |
|-------------------------|-------------------------------------------------|-----|
| <b>Includes</b>         |                                                 |     |
| PART NUMBER             | DESCRIPTION                                     | QTY |
| PP010821WP              | 1/4" X 1/8" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP010822WP              | 1/4" X 1/4" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP010823WP              | 1/4" X 3/8" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP010824WP              | 1/4" X 1/2" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP011222WP              | 3/8" X 1/4" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP011223WP              | 3/8" X 3/8" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP011224WP              | 3/8" X 1/2" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP011623WP              | 1/2" X 3/8" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP011624WP              | 1/2" X 1/2" NPT MALE CONNECTOR, PRE-PACKED      | 3   |
| PP0208WP                | 1/4" UNION TEE, PRE-PACKED                      | 3   |
| PP0212WP                | 3/8" UNION TEE, PRE-PACKED                      | 3   |
| PP0216WP                | 1/2" UNION TEE, PRE-PACKED                      | 3   |
| PP0308WP                | 1/4" UNION ELBOW, PRE-PACKED                    | 3   |
| PP0312WP                | 3/8" UNION ELBOW, PRE-PACKED                    | 3   |
| PP0408WP                | 1/4" UNION CONNECTOR, PRE-PACKED                | 3   |
| PPM0408WP               | 5/16" UNION CONNECTOR, PRE-PACKED               | 3   |
| PP0412WP                | 3/8" UNION CONNECTOR, PRE-PACKED                | 3   |
| PP0416WP                | 1/2" UNION CONNECTOR, PRE-PACKED                | 3   |
| PP201008WP              | 5/16" X 1/4" REDUCING UNION, PRE-PACKED         | 3   |
| PP201208WP              | 3/8" X 1/4" REDUCING UNION, PRE-PACKED          | 3   |
| PP450822WP              | 1/4" X 1/4" NPTF FEMALE CONNECTOR, PRE PACKED   | 3   |
| PP451222WP              | 3/8" X 1/4" NPTF FEMALE CONNECTOR, PRE PACKED   | 3   |
| PP4608WP                | 1/4" END CAP, PRE PACKED                        | 3   |
| PP480821WP              | 1/4" X 1/8" NPTF FIXED ELBOW, PRE PACKED        | 3   |
| PP480822WP              | 1/4" X 1/4" NPTF FIXED ELBOW, PRE PACKED        | 3   |
| PP481222WP              | 3/8" X 1/4" NPTF FIXED ELBOW, PRE PACKED        | 3   |
| PP481223WP              | 3/8" X 3/8" NPTF FIXED ELBOW, PRE PACKED        | 3   |
| PP481623WP              | 1/2" X 3/8" NPTF FIXED ELBOW, PRE PACKED        | 3   |
| PPSV010822WP            | 1/4" X 1/4" NPTF SHUT-OFF VALVE, PRE PACKED     | 3   |
| PPSV011223WP            | 3/8" X 3/8" NPTF SHUT-OFF VALVE, PRE PACKED     | 3   |
| PPSV040808WP            | 1/4" STRAIGHT SHUT-OFF VALVE, PRE-PACKED        | 3   |
| PPSV041212WP            | 3/8" STRAIGHT SHUT-OFF VALVE, PRE-PACKED        | 3   |
| ASVPP1LF                | 3/8" X 3/8" - 1/4" ANGLE STOP VALVE, PRE-PACKED | 3   |

**BAG COLOR KEY:**

|                                                                                                                                 |                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <p>PMS 226</p> <div style="background-color: #e91e63; color: white; padding: 5px; display: inline-block;">1/4" O.D. Sizes</div> | <p>PMS 361 U</p> <div style="background-color: #4caf50; color: white; padding: 5px; display: inline-block;">3/8" O.D. Sizes</div> |
| <p>White</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">5/16" O.D. Sizes</div>                  | <p>PMS 021 U</p> <div style="background-color: #ffc107; color: black; padding: 5px; display: inline-block;">1/2" O.D. Sizes</div> |

B-WTC-2

Includes: Sign header and Gang hooks.  
(Pegboard NOT included)



Fairview

JG

ProLock™

## Point-Of-Sale Displays

## PROLOCK MERCHANDISING STAND

PART NO. SIZE  
JGSTAND-PROLOCK 6' X 3'

## PROLOCK MERCHANDISING STAND INCLUDES:

| PART NO.   | DESCRIPTION                    | BOX QTY |
|------------|--------------------------------|---------|
| PSEI4620E  | 1/2" CTS END CAP, BLACK        | 40      |
| PSEI4628E  | 3/4" CTS END CAP, BLACK        | 20      |
| PSEI0220E  | 1/2" CTS TEE, BLACK            | 10      |
| PSEI0228E  | 3/4" CTS TEE, BLACK            | 5       |
| PSEI0320E  | 1/2" CTS ELBOW, BLACK          | 40      |
| PSEI0328E  | 3/4" CTS ELBOW, BLACK          | 20      |
| PSEI0420E  | 1/2" CTS COUPLER, BLACK        | 40      |
| PSEI0428E  | 3/4" CTS COUPLER, BLACK        | 20      |
| PSEISV20EP | 1/2" CTS SHUT OFF VALVE, BLACK | 3       |
| PSEISV28EP | 3/4" CTS SHUT OFF VALVE, BLACK | 3       |

## ALSO INCLUDES:

- HEADER BOARD AND STAND
- LITERATURE HOLDER AND LITERATURE



## PROLOCK CONTRACTOR PACK

PART NO. SIZE  
PSEI-CONPAK-1 9" X 11" X 10"

## PROLOCK CONTRACTOR PACK INCLUDES:

| PART NO.  | DESCRIPTION             | BAG QTY |
|-----------|-------------------------|---------|
| PSEI4620E | 1/2" CTS END CAP, BLACK | 10      |
| PSEI4628E | 3/4" CTS END CAP, BLACK | 5       |
| PSEI0320E | 1/2" CTS ELBOW, BLACK   | 10      |
| PSEI0328E | 3/4" CTS ELBOW, BLACK   | 5       |
| PSEI0420E | 1/2" CTS COUPLER, BLACK | 10      |
| PSEI0428E | 3/4" CTS COUPLER, BLACK | 5       |



- CODE APPROVED
- 25-YEAR WARRANTY
- FOR USE WITH COPPER, PEX AND CPVC
- APPROVED FOR BEHIND-WALL INSTALLATIONS
- LOCKABLE - AUDIBLE CLICK
- SLIMMER PROFILE
- NEXT GENERATION POLYMER
- EASIER PIPE INSERTION
- INCREASED INSERTION DEPTHS
- COLOR
- UV RESISTANT
- LEAD-FREE
- FULL FLOW

NOW AVAILABLE FROM FAIRVIEW

Distributed by Fairview: [www.fairviewfittings.com](http://www.fairviewfittings.com)

K





### FEATURES:

All smaller sized product are supplied blister boxed and UPC bar coded. Propane Assemblies, Kits and Regulators are supplied hanger boxed with one hole punched header. Each package includes a full set of product identification cards for panel mounting on our rack. When ordering replacement packaged product, minimum carton quantities may apply. Each kit is designed for a particular application. Three different categories to choose from. Display rack is included in these selections: Includes frame panel legs and shelf.

### OVERALLDIMENSIONS:

Height 67 inches  
Depth 24 inches  
Width 18 inches



BB-148CV-4B



BB-2499

## RECREATION VEHICLE PRODUCT SELECTION PART No. GAS-RV

| PART No.         | Description                                               | Qty. | Row   |
|------------------|-----------------------------------------------------------|------|-------|
| BB-2012          | Propane Brance Tee with Handwheel P.O.L.                  | 2    | Row 1 |
| BB-2013          | Propane Branch Tee with QCC1                              | 2    | Row 1 |
| BB-2015          | Propane Branch Tee with QCC1                              | 2    | Row 1 |
| BB-2094          | Propane Cylinder Tee                                      | 2    | Row 1 |
| BB-2099          | Propane Branch Tee With Handwheel                         | 2    | Row 1 |
| BB-2499          | Propane Branch Tee with QCC1                              | 2    | Row 1 |
| BB-2000          | Dual Propane Tank Manifold Tee                            | 5    | Row 2 |
| BB-GR-1B-500     | QCC1 Tailpiece (High Flow)                                | 3    | Row 2 |
| BB-QD-GMRV-SET   | Recreational Vehicle Quick Disconnect Set                 | 3    | Row 2 |
| BB-2095          | Propane Tank Adapter                                      | 3    | Row 2 |
| BB-2097          | Reserve Cylinder Adapter                                  | 3    | Row 2 |
| BB-2491          | Last Chance Cylinder Adapter                              | 3    | Row 2 |
| GR-9950P         | Two-Stage Propane Gas Regulator                           | 1    | Row 3 |
| GR-9959P         | Two-Stage Propane Gas Regulator                           | 1    | Row 3 |
| GR-9984P         | Two-Stage Propane Gas Automatic Changeover Regulator      | 2    | Row 3 |
| I4C18MI4QCCP2    | Propane Gas Automatic Changeover Regulator Connection x 2 | 2    | Row 3 |
| I4C18MP4QCCP     | Propane Gas Regulator Connection                          | 2    | Row 3 |
| I4C48FCMCP       | Propane Gas Cylinder Thread Extension Hose                | 2    | Row 4 |
| I4C60MCPOLHWP    | Propane Gas POL Extension Hose                            | 2    | Row 4 |
| I4C72MCQCCP      | Propane Gas QCC1 Extension Hose                           | 2    | Row 4 |
| I4C120MCQCCP     | Propane Gas QCC1 Extension Hose                           | 2    | Row 4 |
| DR-RV            | Gas-Flo® Display Rack (Specify English or French)         | 1    |       |
| ZZCOS-LAB-GAS-RV | Identification Stickers                                   | 1    |       |



**Hose Assemblies Approved to Canadian and U.S. Standards. Used To Conduct Natural Gas In A Gaseous State And Propane In Either A Liquid Or Gaseous State Up To 350 P.S.I.**

NOTE: Selection and quantities suggested are based on specified product groups and rack space availability.

**\* ITEMS CAN BE PURCHASED SEPARATELY OR AS KIT SHOWN  
Please Contact Your Nearest Fairview Location.**



# GAS PRODUCT SELECTIONS WITH DISPLAY RACK



## PROPANE PRODUCT SELECTION PART No. GAS-RVGG

| PART No.           | Description                                               | Qty. | Row     |
|--------------------|-----------------------------------------------------------|------|---------|
| BB-2491            | Last Chance Cylinder Adapter                              | 3    | Row 1   |
| BB-2087            | Propane Gas Tank Adapter                                  | 3    | Row 1   |
| BB-2097            | Reserve Cylinder Adapter                                  | 3    | Row 1   |
| BB-2015            | Propane Branch Tee with QCC1                              | 2    | Row 1   |
| BB-2094            | Propane Cylinder Tee                                      | 2    | Row 1   |
| BB-2499            | Propane Branch Tee with QCC1                              | 2    | Row 1   |
| BB-2000            | Dual Propane Tank Manifold Tee                            | 5    | Row 2   |
| BB-148CV-4B        | Propane Changeover Regulator Check Valve                  | 5    | Row 2   |
| BB-QD-GMC6-6F      | Quick Disconnect Coupler                                  | 3    | Row 2   |
| C5-OR-POL          | POL Replacement O-rings (5 per pack)                      | 5    | Row 2   |
| C-PLUG-POL         | Plastic POL Plug with Strap                               | 3    | Row 2   |
| C-2081             | Plastic QCC1 Cap and Lanyard                              | 3    | Row 2   |
| I4C18MI4QCCP2      | Propane Gas Automatic Changeover Regulator Connection x 2 | 2    | Row 3   |
| I5LTC24GRQCP       | QCC1 Propane Gas Grill Hose and Regulator Replacement Kit | 2    | Row 3   |
| NGO-2-HT           | Natural Gas / Propane Outlet (Stainless)                  | 1    | Row 3 A |
| NGO-3-HT           | Natural Gas / Propane Outlet (ABS Plastic)                | 1    | Row 3 B |
| I4C48MCQCCP        | Propane Gas QCC1 Extension Hose                           | 2    | Row 4   |
| I4C48MCPOLHWP      | Propane Gas POL Extension Hose                            | 2    | Row 4   |
| I4C60MCPOLHWP      | Propane Gas POL Extension Hose                            | 2    | Row 4   |
| DR-RVGG            | Gas-Flo® Display Rack (Specify English or French)         | 1    |         |
| ZZCOS-LAB-GAS-RVGG | Identification Stickers                                   | 1    |         |



## BARBECUE PRODUCT SELECTION PART No. GAS-GG

| Item No.           | Description                                                 | QTY | Row   |
|--------------------|-------------------------------------------------------------|-----|-------|
| BB-QD-GMC6-6F      | Quick Disconnect Coupler                                    | 5   | Row 1 |
| BB-2491            | Last Chance Cylinder Adapter                                | 3   | Row 1 |
| BB-GR-1B           | QCC1 Excess Flow Tailpiece                                  | 3   | Row 1 |
| BB-2087            | Propane Gas Tank Adapter                                    | 3   | Row 1 |
| BB-2095            | Propane Tank Adapter                                        | 3   | Row 1 |
| BB-2097            | Reserve Cylinder Adapter                                    | 3   | Row 1 |
| C5-OR-POL          | POL Replacement O-rings (5 per pack)                        | 5   | Row 2 |
| C-PLUG-POL         | Plastic POL Plug with Strap                                 | 3   | Row 2 |
| C-2081             | Plastic QCC1 Cap and Lanyard                                | 3   | Row 2 |
| NGO-3-HT           | Natural Gas / Propane Outlet                                | 2   | Row 2 |
| NGO-2-HT           | Natural Gas / Propane Outlet                                | 2   | Row 2 |
| I5LTC24GRQCP       | QCC1 Propane Gas Grill Hose and Reg. Kit                    | 2   | Row 3 |
| I5LTC24GRPOL60HWP  | POL Propane Gas Grill Hose & Reg. Kit                       | 2   | Row 3 |
| I4LTC24FS6FS6GRQCP | QCC1 Propane Grill Hose + Reg. Kit with Sideburner Assembly | 2   | Row 3 |
| I4C48FCMCP         | Propane Gas Cylinder Thread Extension Hose                  | 2   | Row 3 |
| I4C60MCPOLHWP      | Propane Gas POL Extension Hose                              | 2   | Row 4 |
| I4C48MCQCCP        | Propane Gas QCC1 Extension Hose                             | 2   | Row 4 |
| I4C72MCQCCP        | Propane Gas QCC1 Extension Hose                             | 2   | Row 4 |
| I4C120MCQCCP       | Propane Gas QCC1 Extension Hose                             | 2   | Row 4 |
| DR-GG              | Gas-Flo® Display Rack (Specify English or French)           | 1   |       |
| ZZCOS-LAB-GAS-GG   | Identification Stickers                                     | 1   |       |



**\* ITEMS CAN BE PURCHASED SEPARATELY OR AS KIT SHOWN**  
**Please Contact Your Nearest Fairview Location.**

K



**HOSE ASSEMBLY WALL DISPLAY RACK**



**Color**  
RED

**Dimensions**  
4-3/4" H X 24-3/4" W X 6-1/2" D

**AIR BRAKE HOSE ASSEMBLY DISPLAY RACK**

**PART No. HAR-15**

- 15 fixed slots 27/32" wide to display hoses.
- Specifically designed for Fairview HAB air brake assemblies.
- Keeps assemblies organized, handy and ready to use.
- Mounts to the wall. (bolts not included)
- Capable of displaying up to 75 hoses, 3/8 O.D. or 1/2 O.D.



**Color**  
BLUE

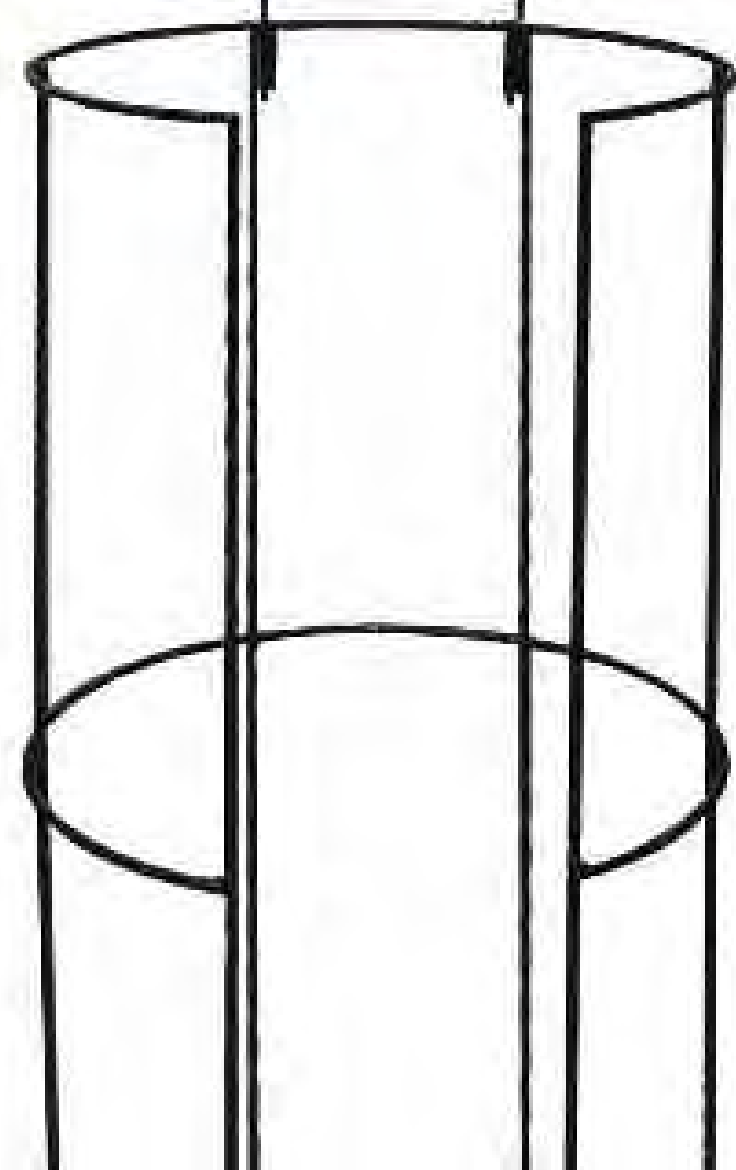
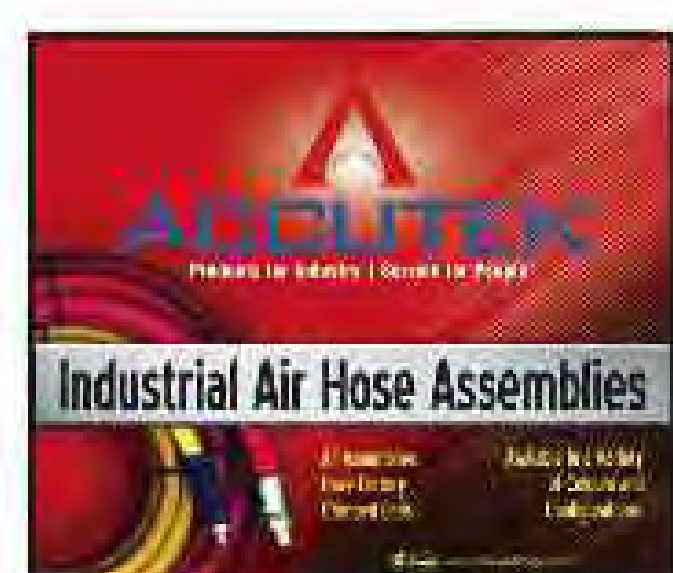
**Dimensions**  
4-3/4" H X 12-1/2" W X 6-1/2" D

**GAS-FLO APPLIANCE CONNECTOR DISPLAY RACK**

**PART No. ACR-8**

- 8 fixed slots 27/32" wide to display hoses.
- Specifically designed for our Gas-Flo (ACS) appliance connectors.
- Keeps connectors organized, handy and ready to use.
- Mounts to the wall. (bolts not included)
- Capable of displaying up to 32 connectors.

**STAND ALONE HOSE ASSEMBLY DISPLAY RACKS**



**ACCUTEK® AIR HOSE ASSEMBLY DISPLAY RACK**  
(For Assemblies See Page 88 - 94)

**PART No. AHDR-RACK**

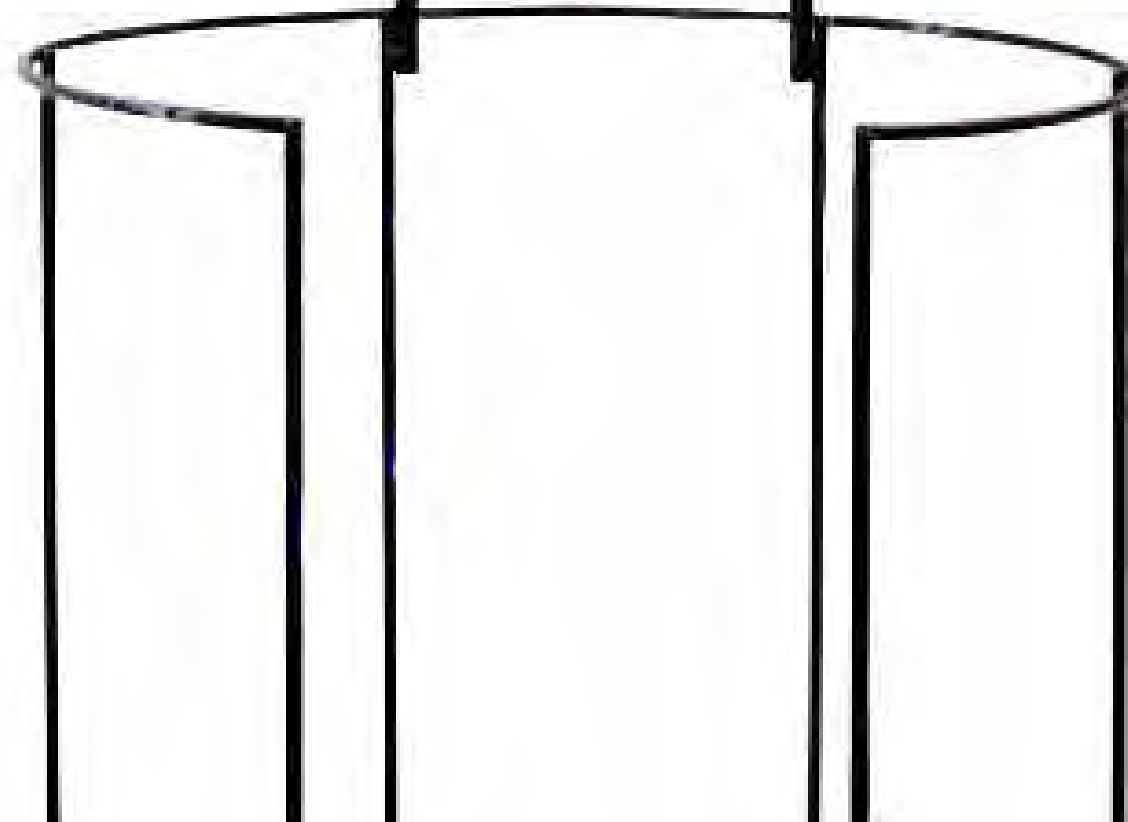
Stack-Em-Up to save space. This stand alone rack is constructed from 1/4" steel wire. Accommodates a variety of assemblies. Comes boxed complete with base and signage (AHDR-RACK-SIGN). Holds approximately 15 assemblies. (sold separately)

For Air (Pneumatic) Hose Assembly Kits see page 279

**Color**  
BLACK

**Dimensions**  
14.5" in Dia.  
**With detachable base**  
(18" Dia.) 52" High,  
36" High (less sign).

With Support Base



**INDUSTRIAL WATER HOSE ASSEMBLY DISPLAY RACK**  
(For Water Hose Assemblies see page 97)

**PART No. WHDR-8**

Rack-Em-Up to save space. This rack is similar in construction to the AHDR above. (without a base) It's larger diameter accommodates water assemblies. Comes boxed complete with signage, (WHDR-SIGN) Holds approximately 8 water hose assemblies. (sold separately)

For Industrial Water Hose Assembly Kits; see page 279

**Color**  
BLACK

**Dimensions**  
17" in Dia. 52" High,  
36" High (less sign).



## ACCUTEK® (AIR) HOSE ASSEMBLY KITS

Each kit comes boxed complete with Assemblies, Rack, Base & Signage.

EPDM Quality, PVC Quality or  
Ultra-Flexible 'Superflex' Brand Assemblies.



### RED EPDM RUBBER AIR HOSE KITS

| PART No.            | Quantity | Description                       |
|---------------------|----------|-----------------------------------|
| AHDR-RG4RED-25B-KIT | 15       | 1/4" I.D. X 25 Ft. Red Assemblies |
| AHDR-RG4RED-50B-KIT | 10       | 1/4" I.D. X 50 Ft. Red Assemblies |
| AHDR-RG6RED-25B-KIT | 12       | 3/8" I.D. X 25 Ft. Red Assemblies |
| AHDR-RG6RED-50B-KIT | 9        | 3/8" I.D. X 50 Ft. Red Assemblies |

### SUPERFLEX YELLOW AIR HOSE KITS

| PART No.            | Quantity | Description                          |
|---------------------|----------|--------------------------------------|
| AHDR-GL4YEL-25B-KIT | 15       | 1/4" I.D. X 25 Ft. Yellow Assemblies |
| AHDR-GL4YEL-50B-KIT | 10       | 1/4" I.D. X 50 Ft. Yellow Assemblies |
| AHDR-GL6YEL-25B-KIT | 12       | 3/8" I.D. X 25 Ft. Yellow Assemblies |
| AHDR-GL6YEL-50B-KIT | 9        | 3/8" I.D. X 50 Ft. Yellow Assemblies |

### RED P.V.C. AIR HOSE KITS

| PART No.            | Quantity | Description                       |
|---------------------|----------|-----------------------------------|
| AHDR-RV4RED-25B-KIT | 15       | 1/4" I.D. X 25 Ft. Red Assemblies |
| AHDR-RV4RED-50B-KIT | 10       | 1/4" I.D. X 50 Ft. Red Assemblies |
| AHDR-RV6RED-25B-KIT | 12       | 3/8" I.D. X 25 Ft. Red Assemblies |
| AHDR-RV6RED-50B-KIT | 9        | 3/8" I.D. X 50 Ft. Red Assemblies |

• See page 88 - 94 for Hose Assembly Specifications.

## INDUSTRIAL WATER HOSE ASSEMBLY KITS

Each kit comes boxed complete with Assemblies, Sample Hose, Rack & Signage.

Choose from Fairview's heavy-duty Rubber 'Contractor's Choice' brand, Non-Marking 'Blue Star' brand or Ultra-Flexible 'Superflex' brand.

Rack Measures: 17" in Dia. (Minimal Floor Space Required)



| PART No.     | Quantity | BLUE STAR WATER HOSE KITS                                                                                                                           |
|--------------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| WHDR-BLU-KIT | 8        | 1/2" I.D. X 50 Ft. Non-Marking Blue Star Assemblies.<br>(PART No. WHRV8BLU-50H) 1 16" Hose Assembly Sample.<br>1 Hose Display Rack. 1 Display Sign. |

| PART No.     | Quantity | BLACK STAR WATER HOSE KITS                                                                                                                                   |
|--------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| WHDR-BLK-KIT | 7        | 5/8" I.D. X 50 Ft. Black Rubber Contractors Choice Assemblies.<br>(PART No. WH10BLK-50H) 1 16" Hose Assembly Sample.<br>1 Hose Display Rack. 1 Display Sign. |

| PART No.     | Quantity | SUPERFLEX GREEN WATER HOSE KITS                                                                                                                         |
|--------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| WHDR-GRN-KIT | 8        | 1/2" I.D. X 50 Ft. Low Temperature Superflex Assemblies.<br>(PART No. WHGL8GRN-50H) 1 16" Hose Assembly Sample.<br>1 Hose Display Rack. 1 Display Sign. |

• See page 97 for Hose Assembly Specifications.





**PART No. HCR-10-RACK**  
(Rack & sign only)  
Rack Size H: 13.375" W: 20" D: 7"



**PART No. HCR-18-RACK**  
(Rack & sign only)  
Rack Size H: 24" W: 24" D: 7"

**ACCUTEK®** Auto Clamp Kit. Containing a selection of common size clamps together with a storage rack.

**PART No. HC6-AUTO-KIT-1**

\*Thin Band Gear Clamps

| PART No.    | Quantity in Kit | Range (IN.)  | Range (MM) |
|-------------|-----------------|--------------|------------|
| HC6-4TB *   | 50              | .22 - .63    | 6 - 16     |
| HC6-6TB *   | 30              | .31 - .88    | 8 - 22     |
| HC6-8       | 20              | .43 - 1.00   | 11 - 25    |
| HC6-10      | 40              | .56 - 1.06   | 14 - 27    |
| HC6-12      | 20              | .56 - 1.25   | 14 - 32    |
| HC6-16      | 10              | .68 - 1.50   | 17 - 38    |
| HC6-20      | 20              | .75 - 1.75   | 19 - 44    |
| HC6-24      | 20              | 1.06 - 2.00  | 27 - 51    |
| HC6-28      | 20              | 1.31 - 2.25  | 33 - 57    |
| HCR-10-RACK | 1               | Storage Rack |            |

(Heavy Gauge Steel Wire Rack for Wall / Counter Top)

**ACCUTEK®** T-Bolt Clamp Kit. Containing a selection of common size clamps together with a storage rack.

**PART No. HC3-KIT-1**

Contains: T-Bolt Style Clamps

| PART No.    | Quantity in Kit | Range (IN.)  | Range (MM) |
|-------------|-----------------|--------------|------------|
| HC3-150     | 5               | 1.31 - 1.56  | 33 - 40    |
| HC3-175     | 5               | 1.56 - 1.81  | 40 - 46    |
| HC3-188     | 5               | 1.69 - 1.94  | 43 - 49    |
| HC3-200     | 5               | 1.81 - 2.06  | 46 - 52    |
| HC3-225     | 5               | 2.06 - 2.31  | 52 - 59    |
| HC3-238     | 5               | 2.19 - 2.50  | 58 - 64    |
| HC3-250     | 4               | 2.31 - 2.62  | 59 - 67    |
| HC3-275     | 4               | 2.56 - 2.87  | 65 - 73    |
| HC3-288     | 4               | 2.69 - 3.00  | 68 - 76    |
| HC3-300     | 4               | 2.81 - 3.12  | 71 - 79    |
| HC3-325     | 4               | 3.06 - 3.37  | 78 - 86    |
| HC3-350     | 3               | 3.31 - 3.62  | 84 - 92    |
| HC3-375     | 3               | 3.56 - 3.87  | 90 - 98    |
| HC3-400     | 3               | 3.81 - 4.12  | 97 - 105   |
| HC3-425     | 3               | 4.06 - 4.37  | 103 - 111  |
| HC3-450     | 2               | 4.31 - 4.62  | 110 - 117  |
| HC3-475     | 2               | 4.56 - 4.87  | 116 - 124  |
| HC3-500     | 2               | 4.81 - 5.12  | 122 - 130  |
| HCR-18-RACK | 1               | Storage Rack |            |

(Heavy Gauge Steel Wire Rack for Wall / Counter Top)

## CARDBOARD STOCK BOXES

Sectional for multi-product storage...



**PART No.** GS-STOCK BOX  
**Description** STANDARD

**Dimensions:** 5" W X 11" L X 4" D

- Supplied flat for easy storage (folding required)
- Label sets available.

For bulk or large item storage...



**PART No.** GS-STOCK BOX-2  
**Description** DOUBLE

**Dimensions:** 10" W X 11" L X 4" D

- Supplied flat for easy storage (folding required)
- Label sets available.

Non-sectional for one product storage...



**PART No.** GS-STOCK BOX-1  
**Description** SMALL

**Dimensions:** 2 3/4" W X 11" L X 4" D

- Supplied flat for easy storage (folding required)
- Label sets available.



# HYDRAULIC CRIMPER COMPATIBILITY CHART



| Fairview<br>PART No. | WeatherHead                                                          | Parker                                                        | Dayco                   | Imperial                                                          | Gates | OmniCrimp | Aeroquip |
|----------------------|----------------------------------------------------------------------|---------------------------------------------------------------|-------------------------|-------------------------------------------------------------------|-------|-----------|----------|
| SC600<br>Series      | T-400<br>T-407<br>T-410<br>T-420<br>T-440<br>T-450<br>T-460<br>T-462 |                                                               | NP-30<br>NP-60          | K-201<br>K-202<br>K-401<br>K-501<br>K-601<br>K-24<br>K-16<br>K-20 | PC707 | 3000B     | FT1380   |
| SCTGW600<br>Series   | T-400<br>T-407<br>T-410<br>T-420<br>T-440<br>T-450<br>T-460<br>T-462 |                                                               | NP-30<br>NP-60          | K-201<br>K-202<br>K-401<br>K-501<br>K-601<br>K-24<br>K-16<br>K-20 | PC707 | 3000B     | FT1380   |
| SC900<br>Series      |                                                                      | Minicrimp<br>Karrykrimp 1 & 2<br>Parkrimp 1 & 2<br>PHastkrimp | NP-30<br>NP-60          | K-201<br>K-202<br>K-401<br>K-501<br>K-601<br>K-24<br>K-16<br>K-20 | PC707 | 3000B     | FT1380   |
| SCT900MS<br>Series   |                                                                      | Karrykrimp 2<br>Parkrimp 2<br>PHastkrimp                      | NP-30<br>NP-60          | K-201<br>K-202<br>K-401<br>K-501<br>K-601<br>K-24<br>K-16<br>K-20 | PC707 | 3000B     | FT1380   |
| SCTBW00<br>Series    |                                                                      |                                                               | NP-30<br>NP-60<br>K-401 | K-201<br>K-202<br><br>K-501<br>K-601<br>K-24<br>K-16<br>K-20      | PC707 | 3000B     | FT1380   |

Any other adjustable crimper not shown.

K



**PROPANE CYLINDER CAPACITIES**

| Cylinder Size | Gallon Capacity | Total BTU Capacity |
|---------------|-----------------|--------------------|
| 20#           | 4.8             | 441,600            |
| 30#           | 7.1             | 653,200            |
| 40#           | 9.5             | 874,000            |
| 60#           | 14.3            | 1,315,600          |
| 100#          | 23.8            | 2,189,600          |
| 200#          | 47.2            | 4,342,400          |
| 420#          | 99.1            | 9,117,200          |

**VAPOR PRESSURES OF LP-GAS**

| Temp. (°F) | Temp. (°C) | Press. PSIG | Temp. (°F) | Temp. (°C) | Press. PSIG |
|------------|------------|-------------|------------|------------|-------------|
| -40        | -40        | 1.3         | 40         | 4.4        | 63.3        |
| -30        | -34        | 5.5         | 50         | 10         | 77.1        |
| -20        | -29        | 10.7        | 60         | 15.6       | 92.5        |
| -10        | -23        | 16.7        | 70         | 21.1       | 109.3       |
| 0          | -17.8      | 23.5        | 80         | 26.7       | 128.1       |
| 10         | -12.2      | 31.3        | 90         | 32.2       | 149.3       |
| 20         | -6.7       | 40.8        | 100        | 37.8       | 172.3       |
| 30         | -1.1       | 51.6        | 110        | 43         | 197.3       |

**CONVERTING VOLUMES OF GAS  
(CFH to CFH or CFM to CFM)**

| Multiply Flow of: | By    | To Obtain Flow of: |
|-------------------|-------|--------------------|
| Air               | 0.707 | Butane             |
|                   | 1.290 | Natural Gas        |
|                   | 0.808 | Propane            |
| Butane            | 1.414 | Air                |
|                   | 1.826 | Natural Gas        |
|                   | 1.140 | Propane            |
| Natural Gas       | 0.775 | Air                |
|                   | 0.547 | Butane             |
|                   | 0.625 | Propane            |
| Propane           | 1.237 | Air                |
|                   | 0.874 | Butane             |
|                   | 1.598 | Natural Gas        |

**BASIC FACTS OF PROPANE**

|                                              |        |
|----------------------------------------------|--------|
| Boiling Point                                | -44°F  |
| Specific Gravity of Gas<br>(Air = 1.00)      | 1.53   |
| Specific Gravity of Liquid<br>(Water = 1.00) | 0.51   |
| Lbs per Gallon of Liquid at 60 °F            | 4.24   |
| BTU per Gallon of Gas at 60 °F               | 91,660 |
| BTU per Lb. Of Gas                           | 21,591 |
| BTU per Cubic Ft of Gas at 60 °F             | 2500   |

**PRESSURE CONVERSION CHART**

| Multiply                     | By      | To Obtain                    |
|------------------------------|---------|------------------------------|
| Atmospheres                  | 1.03332 | Kilograms per sq. centimeter |
| Atmospheres                  | 14.70   | Pounds per square inch       |
| Atmospheres                  | 407.14  | Inches water                 |
| Grams per sq centimeter      | 0.0142  | Pounds per square inch       |
| Inches of mercury            | 0.4912  | Pounds per square inch       |
| Inches of mercury            | 1.133   | Feet of water                |
| Inches of water              | 0.0361  | Pounds per square inch       |
| Inches of water              | 0.0735  | Inches of mercury            |
| Inches of water              | 0.5781  | Ounces per square inch       |
| Inches of water              | 5.204   | Pounds per square foot       |
| KPA                          | 100     | Bar                          |
| Kilograms per sq. centimeter | 14.22   | Pounds per square inch       |
| Kilograms per sq. meter      | 0.2048  | Pounds per square foot       |
| Pounds per square inch       | 0.06804 | Atmospheres                  |
| Pounds per square inch       | 0.07031 | Kilograms per sq. centimeter |
| Pounds per square inch       | 0.145   | KPA                          |
| Pounds per square inch       | 2.036   | inches of mercury            |
| Pounds per square inch       | 2.307   | Feet of water                |
| Pounds per square inch       | 14.5    | BAR                          |
| Pounds per square inch       | 27.67   | Inches of water              |

**LENGTH CONVERSION CHART**

| Multiply    | By     | To Obtain   |
|-------------|--------|-------------|
| Centimeters | 0.3937 | Inches      |
| Feet        | 0.3048 | Meters      |
| Feet        | 30.48  | Centimeters |
| Feet        | 304.8  | Millimeters |
| Inches      | 2.54   | Centimeters |
| Inches      | 25.4   | Millimeters |
| Kilometer   | 0.6214 | Miles       |
| Meters      | 1.094  | Yards       |
| Meters      | 3.281  | Feet        |
| Meters      | 39.37  | Inches      |
| Yards       | 0.9144 | Meters      |
| Yards       | 91.44  | Centimeters |

**VOLUME CONVERSION CHART**

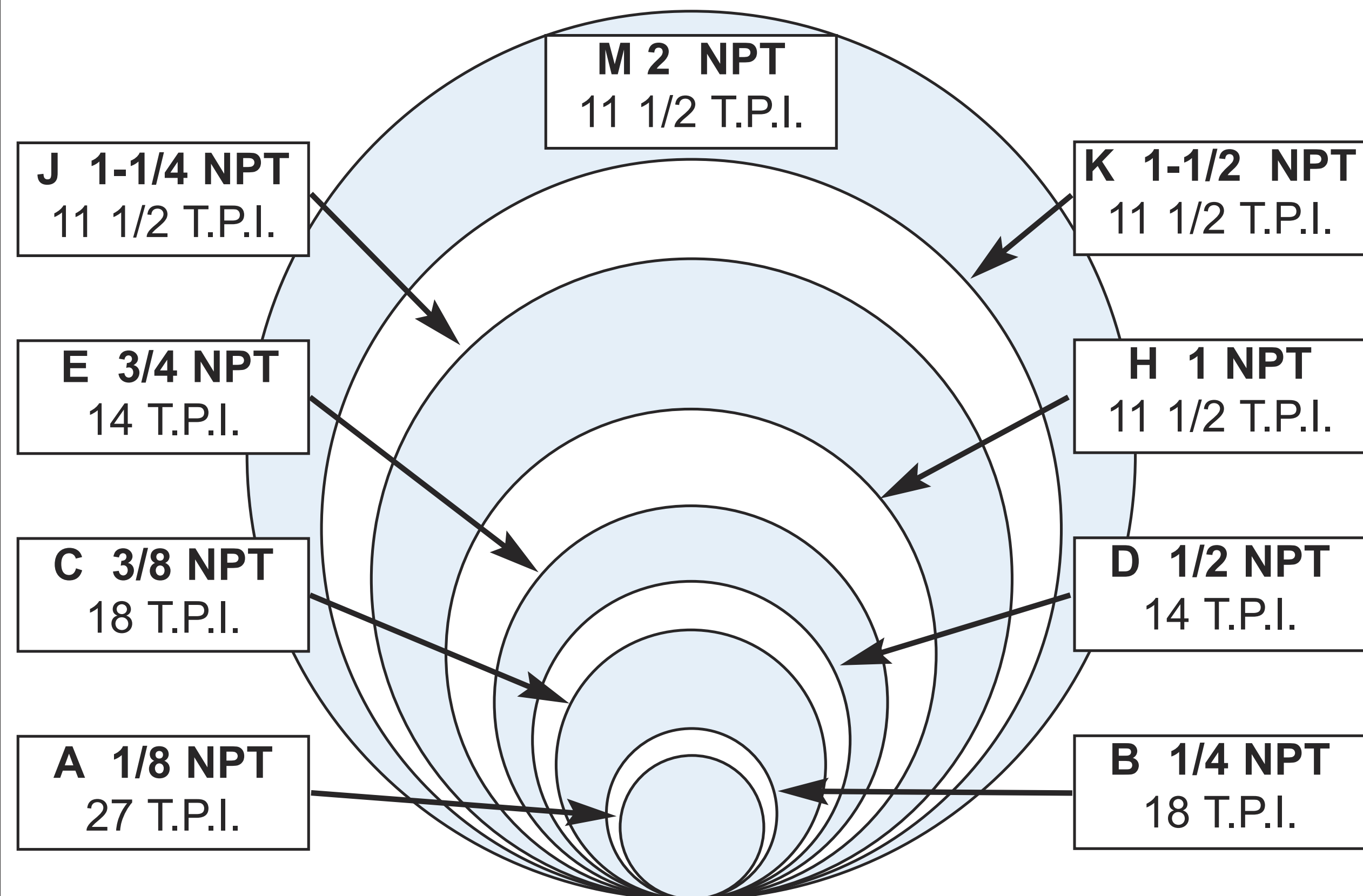
| Multiply           | By      | To Obtain          |
|--------------------|---------|--------------------|
| Cubic Feet         | 7.4805  | Gallons (US)       |
| Cubic Feet         | 28.316  | Liters             |
| Cubic Feet         | 1728    | Cubic Inches       |
| Gallons (Imperial) | 1.20095 | Gallons (US)       |
| Gallons (Imperial) | 0.1337  | Cubic Feet         |
| Gallons (US)       | 0.83267 | Gallons (Imperial) |
| Gallons (US)       | 231     | Cubic Inches       |



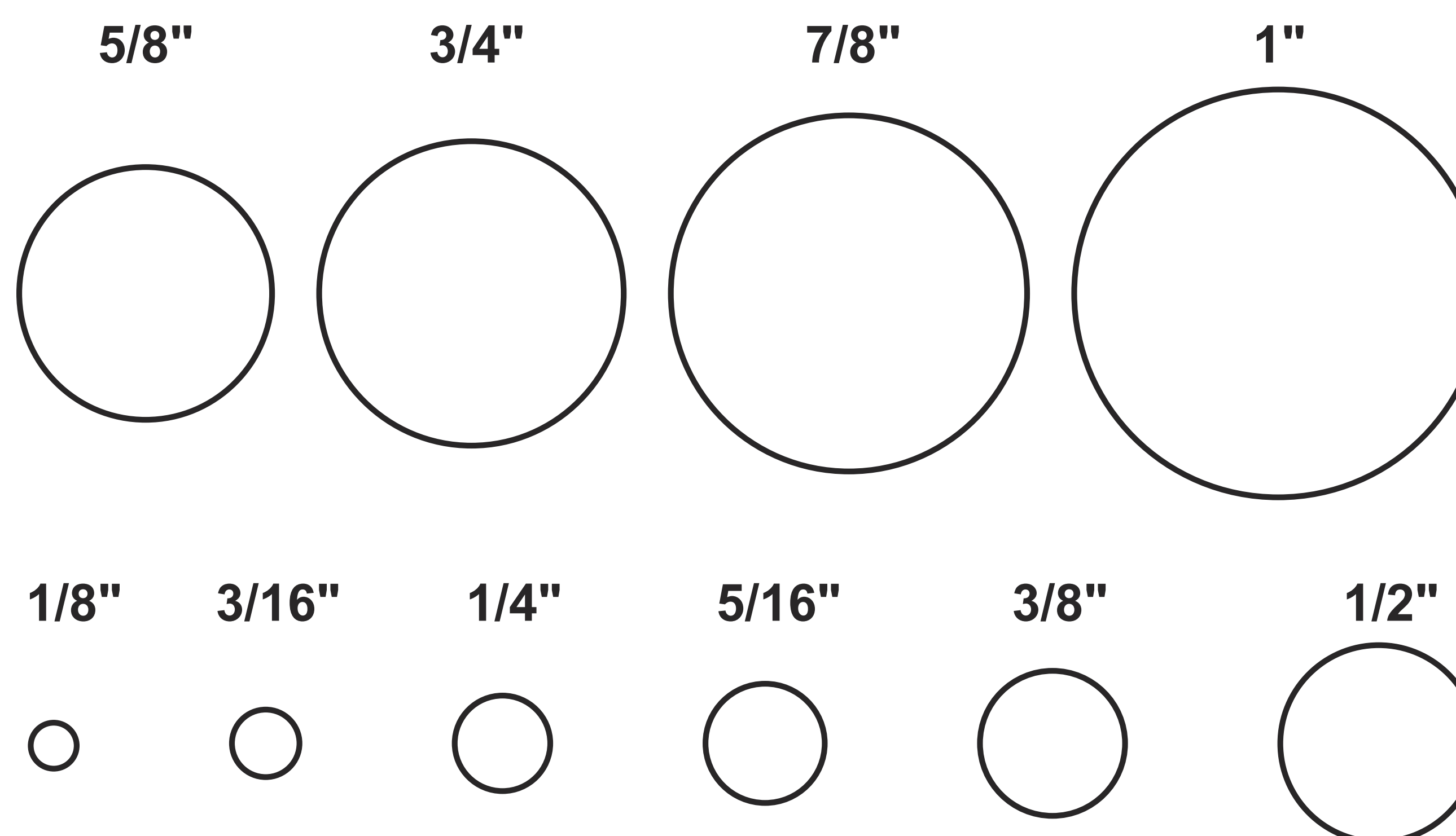
# SIZE CHARTS



## ACTUAL OUTSIDE DIAMETERS OF PIPE THREADS



## ACTUAL OUTSIDE DIAMETERS OF TUBING



## FRACTIONAL SIZE CODES

Used with all Part Numbers to designate Tube and Pipe Fractional Sizes.

Tube Size Code -- 1/16ths

|     |      |     |      |     |      |     |     |     |     |    |       |       |    |       |    |    |
|-----|------|-----|------|-----|------|-----|-----|-----|-----|----|-------|-------|----|-------|----|----|
| 1/8 | 3/16 | 1/4 | 5/16 | 3/8 | 7/16 | 1/2 | 5/8 | 3/4 | 7/8 | 1  | 1-1/4 | 1-1/2 | 2  | 2-1/2 | 3  | 4  |
| 2   | 3    | 4   | 5    | 6   | 7    | 8   | 10  | 12  | 14  | 16 | 20    | 24    | 32 | 40    | 48 | 64 |

Pipe Size Code

|      |     |     |     |     |     |   |       |       |   |       |   |   |
|------|-----|-----|-----|-----|-----|---|-------|-------|---|-------|---|---|
| 1/16 | 1/8 | 1/4 | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2-1/2 | 3 | 4 |
| 1    | A   | B   | C   | D   | E   | H | J     | K     | M | N     | P | S |

## METRIC THREAD STANDARDS

| TUBE SIZE<br>MM | DIN METRIC<br>(LIGHT) | DIN METRIC<br>(HEAVY) |
|-----------------|-----------------------|-----------------------|
| 6               | M12x1.5               | M14x1.5               |
| 8               | M14x1.5               | M16x1.5               |
| 10              | M16x1.5               | M18x1.5               |
| 12              | M18x1.5               | M20x1.5               |
| 14              | --                    | M22x1.5               |
| 15              | M22x1.5               | --                    |
| 16              | --                    | M24x1.5               |
| 18              | M26x1.5               | --                    |
| 20              | --                    | M30x2.0               |
| 22              | M30x2.0               | --                    |
| 25              | --                    | M36x2.0               |
| 28              | M36x2.0               | --                    |
| 30              | --                    | M42x2.0               |
| 35              | M45x2.0               | --                    |
| 38              | --                    | M52x2.0               |
| 42              | M52x2.0               | --                    |

## TUBE FITTING SIZE AND THREAD STANDARDS

| DASH<br>SIZE | O.D.<br>TUBE SIZE | 45° S.A.E. FLARE |        | 37° J.I.C. FLARE |        | COMPRESSION |        | 45° INVERTED FLARE |        | THREADED SLEEVE |        |
|--------------|-------------------|------------------|--------|------------------|--------|-------------|--------|--------------------|--------|-----------------|--------|
|              |                   | O.D.             | THREAD | O.D.             | THREAD | O.D.        | THREAD | O.D.               | THREAD | O.D.            | THREAD |
| -2           | 1/8               | 5/16             | 24     | 5/16             | 24     | 5/16        | 24     | 5/16               | 28     | 5/16            | 24     |
| -3           | 3/16              | 3/8              | 24     | 3/8              | 24     | 3/8         | 24     | 3/8                | 24     | 3/8             | 24     |
| -4           | 1/4               | 7/16             | 20     | 7/16             | 20     | 7/16        | 24     | 7/16               | 24     | 7/16            | 24     |
| -5           | 5/16              | 1/2              | 20     | 1/2              | 20     | 1/2         | 24     | 1/2                | 20     | 1/2             | 20     |
| -6           | 3/8               | 5/8              | 18     | 9/16             | 18     | 9/16        | 24     | 5/8                | 18     | 9/16            | 20     |
| -8           | 1/2               | 3/4              | 16     | 3/4              | 16     | 5/8         | 24     | 11/16              | 18     | 5/8             | 18     |
| -10          | 5/8               | 7/8              | 14     | 7/8              | 14     | 11/16       | 20     | 3/4                | 18     | 11/16           | 16     |
| -12          | 3/4               | 1-1/16           | 14     | 1-1/16           | 12     | 13/16       | 18     | 7/8                | 18     | --              | --     |
| -14          | 7/8               | 1-1/4            | 12     | 1-3/16           | 12     | 1           | 18     | 1-1/16             | 16     | --              | --     |
| -16          | 1                 | 1-3/8            | 12     | 1-5/16           | 12     | 1-1/8       | 18     | 1-3/16             | 16     | --              | --     |
| -20          | 1-1/4             | --               | --     | 1-5/8            | 12     | 1-1/4       | 16     | --                 | --     | --              | --     |
| -24          | 1-1/2             | --               | --     | 1-7/8            | 12     | --          | --     | --                 | --     | --              | --     |
| -32          | 2                 | --               | --     | 2-1/2            | 12     | --          | --     | --                 | --     | --              | --     |

## TUBE FITTING SIZE AND THREAD STANDARDS

| DASH<br>SIZE | O.D.<br>TUBE SIZE | O-RING BOSS |        | FLARELESS |        | O-RING FACE SEAL |        | BRITISH PIPE TAPER |        | BRITISH PIPE PARALLEL |        |
|--------------|-------------------|-------------|--------|-----------|--------|------------------|--------|--------------------|--------|-----------------------|--------|
|              |                   | O.D.        | THREAD | O.D.      | THREAD | O.D.             | THREAD | O.D.               | THREAD | O.D.                  | THREAD |
| -2           | 1/8               | 5/16        | 24     | 5/16      | 24     | --               | --     | --                 | --     | --                    | --     |
| -3           | 3/16              | 3/8         | 24     | 3/8       | 24     | --               | --     | --                 | --     | --                    | --     |
| -4           | 1/4               | 7/16        | 20     | 7/16      | 20     | 9/16             | 18     | 1/4                | 19     | 1/4                   | 19     |
| -5           | 5/16              | 1/2         | 20     | 1/2       | 20     | --               | --     | --                 | --     | --                    | --     |
| -6           | 3/8               | 9/16        | 18     | 9/16      | 18     | 11/16            | 16     | 3/8                | 19     | 3/8                   | 19     |
| -8           | 1/2               | 3/4         | 16     | 3/4       | 16     | 13/16            | 16     | 1/2                | 14     | 1/2                   | 14     |
| -10          | 5/8               | 7/8         | 14     | 7/8       | 14     | 1                | 14     | 5/8                | 14     | 5/8                   | 14     |
| -12          | 3/4               | 1-1/16      | 12     | 1-1/16    | 12     | 1-3/16           | 12     | 3/4                | 14     | 3/4                   | 14     |
| -14          | 7/8               | 1-3/16      | 12     | 1-3/16    | 12     | --               | --     | --                 | --     | --                    | --     |
| -16          | 1                 | 1-5/16      | 12     | 1-5/16    | 12     | 1-7/16           | 12     | 1                  | 11     | 1                     | 11     |
| -20          | 1-1/4             | 1-5/8       | 12     | 1-5/8     | 12     | 1-11/16          | 12     | --                 | --     | --                    | --     |
| -24          | 1-1/2             | 1-7/8       | 12     | 1-7/8     | 12     | 2                | 12     | --                 | --     | --                    | --     |
| -32          | 2                 | 2-1/2       | 12     | 2-1/2     | 12     | --               | --     | --                 | --     | --                    | --     |



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# Fractions - Decimals - Millimeters

| <u>FRACTION</u> | <u>DECIMAL</u> | <u>mm</u> | <u>FRACTION</u> | <u>DECIMAL</u> | <u>mm</u> |
|-----------------|----------------|-----------|-----------------|----------------|-----------|
| $1/64$          | .0156          | 0.396     | $33/64$         | .5156          | 13.096    |
| $1/32$          | .0312          | 0.793     | $17/32$         | .5312          | 13.493    |
| $3/64$          | .0468          | 1.190     | $35/64$         | .5468          | 13.890    |
| $1/16$          | .0625          | 1.587     | $9/16$          | .5625          | 14.287    |
| $5/64$          | .0781          | 1.984     | $37/64$         | .5781          | 14.684    |
| $3/32$          | .0937          | 2.381     | $19/32$         | .5937          | 15.081    |
| $7/64$          | .1093          | 2.778     | $39/64$         | .6093          | 15.478    |
| $1/8$           | .1250          | 3.175     | $5/8$           | .6250          | 15.875    |
| $9/64$          | .1406          | 3.571     | $41/64$         | .6406          | 16.271    |
| $5/32$          | .1562          | 3.968     | $21/32$         | .6562          | 16.668    |
| $11/64$         | .1718          | 4.365     | $43/64$         | .6718          | 17.065    |
| $3/16$          | .1875          | 4.762     | $11/16$         | .6875          | 17.462    |
| $13/64$         | .2031          | 5.159     | $45/64$         | .7031          | 17.859    |
| $7/32$          | .2187          | 5.556     | $23/32$         | .7187          | 18.256    |
| $15/64$         | .2343          | 5.953     | $47/64$         | .7343          | 18.653    |
| $1/4$           | .2500          | 6.350     | $3/4$           | .7500          | 19.050    |
| $17/64$         | .2656          | 6.746     | $49/64$         | .7656          | 19.446    |
| $9/32$          | .2812          | 7.143     | $25/32$         | .7812          | 19.843    |
| $19/64$         | .2968          | 7.540     | $51/64$         | .7968          | 20.240    |
| $5/16$          | .3125          | 7.937     | $13/16$         | .8125          | 20.637    |
| $21/64$         | .3281          | 8.334     | $53/64$         | .8281          | 21.034    |
| $11/32$         | .3437          | 8.731     | $27/32$         | .8437          | 21.431    |
| $23/64$         | .3593          | 9.128     | $55/64$         | .8593          | 21.828    |
| $3/8$           | .3750          | 9.525     | $7/8$           | .8750          | 22.225    |
| $25/64$         | .3906          | 9.921     | $57/64$         | .8906          | 22.621    |
| $13/32$         | .4062          | 10.318    | $29/32$         | .9062          | 23.018    |
| $27/64$         | .4218          | 10.715    | $59/64$         | .9218          | 23.415    |
| $7/16$          | .4375          | 11.112    | $15/16$         | .9375          | 23.812    |
| $29/64$         | .4531          | 11.509    | $61/64$         | .9531          | 24.209    |
| $15/32$         | .4687          | 11.906    | $31/32$         | .9687          | 24.606    |
| $31/64$         | .4843          | 12.303    | $63/64$         | .9843          | 25.003    |
| $1/2$           | .5000          | 12.700    | $1$             | 1.0000         | 25.400    |





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### **Fairview Ltd.**

Head Office: 1170 Invicta Drive, Unit C  
Oakville, Ontario L6H 6G1  
Telephone: (905) 338-0800  
E-Mail: [service@fairviewfittings.com](mailto:service@fairviewfittings.com)



### **Fairview USA Inc.**

Head Office: 3777 Commerce Court,  
Wheatfield, New York 14120 U.S.A.  
Telephone: (716) 614-0320  
CONTINENTAL USA: (800) 688-4088  
E-Mail: [ussales@fairviewfittings.com](mailto:ussales@fairviewfittings.com)

## **WAREHOUSE / SALES LOCATIONS**

### **Canada**

- 145 ENGLISH DRIVE, UNIT 4  
MONCTON, NEW BRUNSWICK E1E 3X3  
PHONE: (506) 857-1115  
EMAIL: [sales@moncton.fairviewfittings.com](mailto:sales@moncton.fairviewfittings.com)
- 2955 RUE LUCIEN-L'ALLIER  
LAVAL, QUEBEC H7P 0A1  
PHONE: (450) 978-3341  
EMAIL: [sales@montreal.fairviewfittings.com](mailto:sales@montreal.fairviewfittings.com)
- 6100 KESTREL ROAD UNIT 1  
MISSISSAUGA, ONTARIO L5T 1S8  
PHONE: (905) 564-7416  
EMAIL: [torontosales@fairviewfittings.com](mailto:torontosales@fairviewfittings.com)
- 310 KEEWATIN STREET  
WINNIPEG, MANITOBA R2X 2R9  
PHONE: (204) 633-9304  
EMAIL: [sales@winnipeg.fairviewfittings.com](mailto:sales@winnipeg.fairviewfittings.com)
- 130-3810 ARTHUR ROSE AVENUE  
SASKATOON, SASKATCHEWAN S7P 0C7  
PHONE: (306) 978-1800  
EMAIL: [sales@saskatoon.fairviewfittings.com](mailto:sales@saskatoon.fairviewfittings.com)
- 9811 - 12th AVENUE S.W.  
EDMONTON, ALBERTA T6X 0E3  
PHONE: (780) 438-2177  
EMAIL: [sales@edmonton.fairviewfittings.com](mailto:sales@edmonton.fairviewfittings.com)
- 11 BURBIDGE STREET, UNIT 201  
COQUITLAM, B.C. V3K 7B2  
PHONE: (604) 294-4427  
EMAIL: [vancouver@fairviewfittings.com](mailto:vancouver@fairviewfittings.com)
- EXPORT SALES  
MISSISSAUGA, ONTARIO L5T 1S8  
PHONE: (905) 564-7416  
EMAIL: [torontosales@fairviewfittings.com](mailto:torontosales@fairviewfittings.com)

### **U.S.A.**

- 22 PROSPECT STREET, UNITS 3 & 4  
WOBURN, MASSACHUSETTS 01801  
PHONE: (781) 932-1392  
CONTINENTAL U.S.A.: (800) 695-3101
- 3777 COMMERCE COURT  
WHEATFIELD, NEW YORK 14120  
PHONE: (716) 614-0320  
CONTINENTAL U.S.A.: (800) 688-4088
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ELKHART, IN 46514  
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