

**C5C HYDRAULIC HOSE - SAE 100R5****FLEET**

**RECOMMENDED FOR** Medium-pressure hydraulic petroleum-based oil lines in impulse applications, lube oil, air and water in applications such as air brakes, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), turbocharger oil supplies, tilt cab cylinders, transmission coolant and filtration lines. Meets or exceeds requirements of SAE 100R5 for traditional hydraulic applications, DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12). Not recommended for gasoline or diesel fuel.



**TUBE** Black, oil and heat-resistant synthetic rubber (Polychloroprene -4 and -5), (Nitrile -6 through -40). See Hose Stock Characteristics.

**REINFORCEMENT** One braid of high-tensile carbon steel wire over one braid of polyester.

**COVER** Black, oil and mildew resistant, polyester braid.

**TEMPERATURE RANGE** Under SAE 100R5 (hydraulic) conditions -40°F to +212°F (-40°C to +100°C). All-purpose fleet application (hot lube oil lines) -40°F to +300°F (-40°C to +149°C). Air to +160°F (+71°C) only. Avoid continuous use at maximum temperature concurrent with maximum working pressures. For water emulsions see Temperature Limits Table.

**COUPLING RECOMMENDATION** C5 Field Attachable Couplings (-4 through -32) (G34) Section K  
C5X Field Attachable Couplings (-5, -8, and -12) (G34) Section K  
(See Crimp Data Manual 428-7365 or eCrimp)

DOT FMVSS 106-74 Type All and SAE J1402 Type All for air brake applications (-4 to -12).

| Part No. | Description | Product No. | Standard Pack | ⊖       | ⊕    | ⊙    | ⊙     | ⊙    |
|----------|-------------|-------------|---------------|---------|------|------|-------|------|
| 86605    | 4C5C X50FT  | 3658-1762   | 1             | 3/16    | .52  | 3000 | 12000 | 3.0  |
| 70589    | 4C5CXREEL   | 3658-1775   | 440           | 3/16    | .52  | 3000 | 12000 | 3.0  |
| 86606    | 5C5C X50FT  | 3658-1763   | 1             | 1/4     | .58  | 3000 | 12000 | 3.4  |
| 70590    | 5C5CXREEL   | 3658-1776   | 385           | 1/4     | .58  | 3000 | 12000 | 3.4  |
| 86607    | 6C5C X50FT  | 3658-1764   | 1             | 5/16    | .67  | 2250 | 9000  | 4.0  |
| 70591    | 6C5CXREEL   | 3658-1777   | 385           | 5/16    | .67  | 2250 | 9000  | 4.0  |
| 86608    | 8C5C X50FT  | 3658-1765   | 1             | 13/32   | .77  | 2000 | 8000  | 4.6  |
| 70592    | 8C5CXREEL   | 3658-1778   | 330           | 13/32   | .77  | 2000 | 8000  | 4.6  |
| 86609    | 10C5C X50FT | 3658-1766   | 1             | 1/2     | .92  | 1750 | 7000  | 5.5  |
| 70593    | 10C5CXREEL  | 3658-1779   | 275           | 1/2     | .92  | 1750 | 7000  | 5.5  |
| 86610    | 12C5C X50FT | 3658-1767   | 1             | 5/8     | 1.08 | 1500 | 6000  | 6.5  |
| 70594    | 12C5CXREEL  | 3658-1780   | 220           | 5/8     | 1.08 | 1500 | 6000  | 6.5  |
| 86616    | 16C5C X50FT | 3658-1768   | 1             | 7/8     | 1.23 | 800  | 3200  | 7.4  |
| 70595    | 16C5CXREEL  | 3658-1781   | 165           | 7/8     | 1.23 | 800  | 3200  | 7.4  |
| 86617    | 20C5C X25FT | 3658-1772   | 1             | 1 1/8   | 1.50 | 625  | 2500  | 9.0  |
| 70096    | 20C5CXCTN   | 3658-1758   | 100           | 1 1/8   | 1.50 | 625  | 2500  | 9.0  |
| 70097    | 24C5CXCTN   | 3658-1759   | 100           | 1 3/8   | 1.75 | 500  | 2000  | 10.5 |
| 70098    | 32C5CXCTN   | 3658-1760   | 100           | 1 13/16 | 2.22 | 350  | 1400  | 13.3 |
| 70099    | 40C5CXCTN   | 3658-1761   | 50            | 2 3/8   | 2.88 | 350  | 1400  | 24.0 |

NOTE: Federal law requires registration with the Department of Transportation for anyone producing air brake hose assemblies with swaged or crimped fittings. See Engineering and Technical Data Section for compliance.



## C5C-XH XTREME® HEAT HOSE - SAE 100R5

### FLEET

|                         |  |
|-------------------------|--|
| RECOMMENDED FOR         | Extremely high-temperature petroleum-based or phosphate ester fluids, turbo charger oil supply and hot lube oil lines.   |
| TUBE                    | Black, oil and heat-resistant synthetic polymer tube (CPE). See Hose Stock Characteristics.  |
| REINFORCEMENT           | Braided, high-tensile wire and textile.  |
| COVER                   | Blue, oil and mildew resistant polyester/textile braid.  |
| TEMPERATURE RANGE       | -40°F to +302°F (-40°C to +150°C).   |
| COUPLING RECOMMENDATION | C5 Field Attachable Couplings (-6, -16 and -20) (G34) Section K<br>C5X Field Attachable Couplings (-5, -8, and -12) (G34) Section K<br>Crimp options are MegaCrimp™, GlobalSpiral™ (depending on size)<br>(See Crimp Data Manual 428-7365 or eCrimp) |



DOT FMVSS 106-74 Type All and SAE J1402 Type All for (-4 to -12).

| Part No. | Description   | Product No. | Standard Pack | ⊖     | ⊕    | ⊕    | ⊕     | ⊕   |
|----------|---------------|-------------|---------------|-------|------|------|-------|-----|
| 70095    | 4C5CXHXREEL   | 3658-0150   | 440           | 3/16  | .52  | 3000 | 12000 | 3.4 |
| 86992    | 5C5CXH X50FT  | 3658-4001   | 1             | 1/4   | .58  | 3000 | 12000 | 3.4 |
| 70992    | 5C5CXHXREEL   | 3658-0151   | 385           | 1/4   | .58  | 3000 | 12000 | 3.4 |
| 86993    | 6C5CXH X50FT  | 3658-4002   | 1             | 5/16  | .67  | 2250 | 9000  | 4.0 |
| 70993    | 6C5CXHXREEL   | 3658-0152   | 385           | 5/16  | .67  | 2250 | 9000  | 4.0 |
| 86994    | 8C5CXH X50FT  | 3658-4003   | 1             | 13/32 | .77  | 2000 | 8000  | 4.6 |
| 70994    | 8C5CXHXREEL   | 3658-0153   | 330           | 13/32 | .77  | 2000 | 8000  | 4.6 |
| 86995    | 10C5CXH X50FT | 3658-4004   | 1             | 1/2   | .92  | 1750 | 7000  | 5.5 |
| 70995    | 10C5CXHXREEL  | 3658-0154   | 275           | 1/2   | .92  | 1750 | 7000  | 5.5 |
| 86996    | 12C5CXH X50FT | 3658-4005   | 1             | 5/8   | 1.08 | 1500 | 6000  | 6.5 |
| 70996    | 12C5CXHXREEL  | 3658-0155   | 220           | 5/8   | 1.08 | 1500 | 6000  | 6.5 |
| 86997    | 16C5CXH X50FT | 3658-4006   | 1             | 7/8   | 1.23 | 800  | 3200  | 7.4 |
| 70997    | 16C5CXHXREEL  | 3658-0156   | 165           | 7/8   | 1.23 | 800  | 3200  | 7.4 |
| 86998    | 20C5CXH X50FT | 3658-4007   | 1             | 1 1/8 | 1.50 | 625  | 2500  | 9.0 |
| 70998    | 20C5CXHXCTN   | 3658-0157   | 120           | 1 1/8 | 1.50 | 625  | 2500  | 9.0 |

**C5D HIGH-TEMP MULTI-FLUID HOSE****FLEET**

**RECOMMENDED FOR** Petroleum-based or phosphate ester fluids; diesel fuels and filtration lines, transmission coolant lines, hot lube oil lines, power steering (CAUTION: Intended for heavy-duty commercial vehicle use only), gasoline and turbocharger oil supplies. Tilt cab cylinder and air brakes. C5D (-4 to -12) meets or exceeds DOT FMVSS 106-74 Type All, SAE J1402 Type All. Not approved for bio-diesel above B5.



**TUBE** Black, oil and heat-resistant, synthetic rubber (CPE). See Hose Stock Characteristics.

**REINFORCEMENT** One braid of high-tensile steel wire over one braid of polyester.

**COVER** Green for easy identification, oil and mildew resistant, polyester braid impregnated with synthetic rubber.

**TEMPERATURE RANGE** -40°F to +300°F (-40°C to +149°C). Air to +250°F (+121°C) only, maximum phosphate esters to +212°F (+100°C). For water emulsions see Temperature Limits Table.

**COUPLING RECOMMENDATION** C5 Field Attachable Couplings (G34) Section K  
C5X Field Attachable Couplings (-5, -8, and -12) (G34) Section K  
(See Crimp Data Manual 428-7365 or eCrimp)

DOT FMVSS 106-74 Type All, SAE J1402 Type All (-4 to -12).

| Part No. | Description | Product No. | Standard Pack |       |      |      |      |     |
|----------|-------------|-------------|---------------|-------|------|------|------|-----|
| 85680    | 4C5D X50FT  | 3658-0001   | 1             | 3/16  | .52  | 1500 | 6000 | 1.0 |
| 70540    | 4C5DXREEL   | 3658-0020   | 440           | 3/16  | .52  | 1500 | 6000 | 1.0 |
| 85681    | 5C5D X50FT  | 3658-0007   | 1             | 1/4   | .58  | 1500 | 6000 | 1.5 |
| 70541    | 5C5DXREEL   | 3658-0027   | 385           | 1/4   | .58  | 1500 | 6000 | 1.5 |
| 85682    | 6C5D X50FT  | 3658-0002   | 1             | 5/16  | .67  | 1500 | 6000 | 1.8 |
| 70542    | 6C5DXREEL   | 3658-0021   | 385           | 5/16  | .67  | 1500 | 6000 | 1.8 |
| 85683    | 8C5D X50FT  | 3658-0003   | 1             | 13/32 | .77  | 1250 | 5000 | 2.0 |
| 70543    | 8C5DXREEL   | 3658-0022   | 330           | 13/32 | .77  | 1250 | 5000 | 2.0 |
| 85684    | 10C5D X50FT | 3658-0008   | 1             | 1/2   | .92  | 1250 | 5000 | 2.0 |
| 70544    | 10C5DXREEL  | 3658-0028   | 275           | 1/2   | .92  | 1250 | 5000 | 2.0 |
| 85685    | 12C5D X50FT | 3658-0009   | 1             | 5/8   | 1.08 | 750  | 3000 | 2.3 |
| 70545    | 12C5DXREEL  | 3658-0029   | 220           | 5/8   | 1.08 | 750  | 3000 | 2.3 |
| 85686    | 16C5D X50FT | 3658-0010   | 1             | 7/8   | 1.23 | 400  | 1600 | 3.5 |
| 70546    | 16C5DXREEL  | 3658-0030   | 165           | 7/8   | 1.23 | 400  | 1600 | 3.5 |

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