

## Chemical Hose

### Chem Master™ XTreme™ FEP (125-200) SD Formerly - Stallion®



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<b>CHEMICAL</b>
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HOSE FINDER
CHEMICAL RESISTANCE TABLE

Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Blue	3/4	19.1	1.29	32.8	200	13.8	30.0	4.0	.52	20	PLT	T	MTO	4698-0021
Blue	3/4	19.1	1.29	32.8	200	13.8	30.0	4.0	.52	100	PLT	T	Stock	4698-0011
Blue	1	25.4	1.56	39.6	200	13.8	30.0	5.0	.63	20	PLT	T	Stock	4698-0022
Blue	1	25.4	1.56	39.6	200	13.8	30.0	5.0	.63	100	PLT	T	Stock	4698-0012
Blue	1	25.4	1.56	39.6	200	13.8	30.0	5.0	.63	200	PLT	T	MTO	4698-0029
Blue	1 1/4	31.8	1.80	45.7	200	13.8	30.0	7.0	.74	100	PLT	T	MTO	4698-0104
Blue	1 1/2	38.1	2.05	52.1	200	13.8	30.0	8.0	.93	20	PLT	T	Stock	4698-0023
Blue	1 1/2	38.1	2.05	52.1	200	13.8	30.0	8.0	.93	100	PLT	T	Stock	4698-0013
Blue	1 1/2	38.1	2.05	52.1	200	13.8	30.0	8.0	.93	200	PLT	T	MTO	4698-0031
Blue	2	50.8	2.55	64.8	200	13.8	30.0	9.0	1.14	20	PLT	T	Stock	4698-0024
Blue	2	50.8	2.55	64.8	200	13.8	30.0	9.0	1.14	100	PLT	T	Stock	4698-0014
Blue	2 1/2	63.5	3.07	78.0	150	10.3	30.0	12.0	1.44	20	PLT	T	MTO	4698-0025
Blue	2 1/2	63.5	3.07	78.0	150	10.3	30.0	12.0	1.44	100	PLT	T	Stock	4698-0015
Blue	3	76.2	3.59	91.2	150	10.3	30.0	18.0	1.77	20	PLT	T	Stock	4698-0026
Blue	3	76.2	3.59	91.2	150	10.3	30.0	18.0	1.77	100	PLT	T	Stock	4698-0016
Blue	4	101.6	4.66	118.4	125	8.6	30.0	24.0	2.60	20	PLT	T	Stock	4698-0027
Blue	4	101.6	4.66	118.4	125	8.6	30.0	24.0	2.60	100	PLT	T	Stock	4698-0017

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Chem Master™ XTreme™ FEP has a wire helix for full suction capability. The tube stock Fluoroethylenepropylene (FEP) has excellent chemical resistance and is backed by Gates Gatron™ for flex fatigue safety at the coupling. Chem Master™ XTreme™ FEP is designed for easy cleaning in a bath containing 10% (NaOH) @ +212°F (+100°C). Cleaning in place (CIP) methods may be used. Applications include most basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table for proper hose selection. Compatible with commercially available Bio-Diesel fuels up to B-100.

**CAUTION:** Chem Master™ XTreme™ FEP is designed to withstand fluid temperatures to +300°F (+149°C); however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above +125°F (+52°C).

**TEMPERATURE:** -40°F to +300°F (-40°C to +149°C) normal service.

**CONSTRUCTION:**  
**Tube:** Type T (FEP) Fluoroethylenepropylene. White. Backed with Gatron™ (Modified XLPE).  
**Reinforcement:** Synthetic, high tensile textile with steel wire helix.  
**Cover:** Type P (EPDM). Blue corrugated with orange stripe.  
**Design Factor:** 4:1

**COUPLINGS:** Use permanent fittings only 71 or 73 for fluid temperatures up to +300°F (+149°C). Reference the Hose Coupling Section.

**STANDARDS:** Meets FDA requirements.

## Chemical Hose

### Chem Master™ XTreme™ FEP 200SD CR

Formerly - Stallion® Crush Resistant



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Blue	3/4	19.1	1.33	33.8	200	13.8	20.0	4.0	.52	100	PLT	T	MTO	4698-0001
Blue	1	25.4	1.58	40.1	200	13.8	20.0	5.0	.63	50	PLT	T	Stock	4698-0072
Blue	1	25.4	1.58	40.1	200	13.8	20.0	5.0	.63	100	PLT	T	Stock	4698-0002
Blue	1 1/2	38.1	2.08	52.8	200	13.8	20.0	8.0	.93	100	PLT	T	MTO	4698-0003
Blue	2	50.8	2.58	65.5	200	13.8	20.0	9.0	1.17	50	PLT	T	Stock	4698-0073
Blue	2	50.8	2.58	65.5	200	13.8	20.0	9.0	1.14	100	PLT	T	Stock	4698-0004

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Chem Master™ XTreme™ FEP CR has a monofilament helix for suction and crush resistant capability. The tube stock Fluoroethylenepropylene (FEP) has excellent chemical resistance and is backed by Gates Gatron™ for flex fatigue safety at the coupling. Chem Master™ XTreme™ FEP CR is designed for easy cleaning in a bath containing 10% (NaOH) @ +212°F (+100°C). Cleaning in place (CIP) methods may be used. Applications include most basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table for proper hose selection. Compatible with commercially available Bio-Diesel fuels up to B-100.

**CAUTION:** Chem Master™ XTreme™ FEP CR is designed to withstand fluid temperatures to +300°F (+149°C); however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above +125°F (+52°C).

**TEMPERATURE:** -40°F to +300°F (-40°C to +149°C) normal service.

**CONSTRUCTION:**  
**Tube:** Type T (FEP) Fluoroethylenepropylene. White. Backed with Gatron™ (Modified XLPE).  
**Reinforcement:** Synthetic, high tensile textile with monofilament helix and static wire.  
**Cover:** Type P (EPDM). Blue corrugated with orange stripe.  
**Design Factor:** 4:1

**COUPLINGS:** Use permanent fittings only 71 or 73 for fluid temperatures up to +300°F (+149°C). Reference the Hose Coupling Section.

**STANDARDS:** Meets FDA requirements.

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## Chemical Hose

### Chem Master™ Plus XLPE (150-200) SD Formerly - Mustang®



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CHEMICAL RESISTANCE TABLE

Color	Hose I.D.	Hose O.D.	Max. W.P.	Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.			
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)	(ft)			
Black	3/4	19.1	1.25	31.8	200	13.8	30.0	4.0	.45	100	PLT	T	Stock	4695-0002
Black	3/4	19.1	1.25	31.8	200	13.8	30.0	4.0	.45	200	PLT	T	MTO	4695-0737
Black	1	25.4	1.50	38.1	200	13.8	30.0	5.0	.56	100	PLT	T	Stock	4695-0003
Black	1	25.4	1.50	38.1	200	13.8	30.0	5.0	.56	200	PLT	T	MTO	4695-0670
Black	1 1/4	31.8	1.75	44.5	200	13.8	30.0	6.0	.70	100	PLT	T	Stock	4695-0004
Black	1 1/4	31.8	1.75	44.5	200	13.8	30.0	6.0	.70	200	PLT	T	MTO	4695-0738
Black	1 1/2	38.1	2.04	51.8	200	13.8	30.0	8.0	.87	100	PLT	T	Stock	4695-0005
Black	1 1/2	38.1	2.04	51.8	200	13.8	30.0	8.0	.70	200	PLT	T	MTO	4695-0729
Black	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	100	PLT	T	Stock	4695-0001
Black	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	200	PLT	T	MTO	4695-0698
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	12.0	1.41	100	PLT	T	Stock	4695-0006
Black	2 1/2	63.5	3.05	77.5	150	10.3	30.0	12.0	1.41	200	PLT	T	MTO	4695-0720
Black	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	100	PLT	T	Stock	4695-0007
Black	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	200	PLT	T	MTO	4695-0699
Black	4	101.6	4.69	119.1	150	10.3	30.0	24.0	2.72	100	PLT	T	Stock	4695-0008
Black	4	101.6	4.69	119.1	150	10.3	30.0	24.0	2.72	200	PLT	T	MTO	4695-0055
Green	1	25.4	1.50	38.1	200	13.8	30.0	5.0	.56	100	PLT	T	Stock	4695-0628
Green	1 1/2	38.1	2.04	51.8	200	13.8	30.0	8.0	.87	100	PLT	T	Stock	4695-0211
Green	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	100	PLT	T	Stock	4695-0216
Green	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	200	PLT	T	MTO	4695-0700
Green	2 1/2	63.5	3.05	77.5	150	10.3	30.0	12.0	1.28	100	PLT	T	MTO	4695-0774
Green	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	100	PLT	T	Stock	4695-0229
Green	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	200	PLT	T	MTO	4695-0701

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Chem Master™ Plus XLPE contains a wire helix for full suction capability, as well as for routing hoses through tight bends. Its Modified Cross-linked Polyethylene tube stock is 'best in class' for maintaining a tight seal with stainless steel fittings, and is designed for cleaning with 'open-end' 50 PSI steam or in a bath containing 10% (NaOH) @ +212°F (+100°C). Cleaning in place (CIP) methods may be used. Applications include over 950 basic chemicals that are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table for proper hose selection.

**CAUTION:** For applications requiring greater than 90% sulfuric acid contact Denver Product Application (303) 744-5070. Chem Master™ Plus XLPE is designed to withstand fluid temperatures to +250°F (+121°C); however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above +125°F (+52°C). Not recommended for 'closed steam' cleaning.

**TEMPERATURE:** -40°F to +250°F (-40°C to +121°C) normal service.

**CONSTRUCTION:**  
**Tube:** Type K (Gatron™ Modified Cross-linked Polyethylene.) Tan. High chemical resistance.  
**Reinforcement:** Synthetic, high tensile textile cord with steel wire helix.  
**Cover:** Type P (EPDM). Black or green corrugated with orange stripe. Additional color covers available on special order.  
**Design Factor:** 4:1

**COUPLINGS:** Use 7, 8, or 49 for fluid temperatures to +125°F (+52°C). Use permanent fittings only 71 or 73 for fluid temperatures above +125°F (+52°C) and up to +250°F (+121°C) or 80 Gates GSP (2" only). Reference the Hose Coupling Section.

## Chemical Hose

### Chem Master™ Plus XLPE 200SD CR Formerly - Mustang® Crush Resistant



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Black	3/4	19.1	1.36	34.5	200	13.8	20.0	4.0	.45	100	PLT	T	MTO	4695-0607
Black	1	25.4	1.61	40.9	200	13.8	20.0	5.0	.56	100	PLT	T	MTO	4695-0608
Black	1 1/2	38.1	2.13	54.1	200	13.8	20.0	8.0	.87	100	PLT	T	Stock	4695-0609
Black	2	50.8	2.63	66.8	200	13.8	20.0	9.0	1.08	100	PLT	T	Stock	4695-0610

NOTE: Also see Black Gold® Chemical Plus XLPE 250SD

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Chem Master™ Plus XLPE CR contains a monofilament helix for suction and crush resistant capability, as well as for routing hoses through tight bends. Its Modified Cross-linked Polyethylene tube stock is 'best in class' for maintaining a tight seal with stainless steel fittings, and is designed for cleaning with 'open-end' 50 PSI steam or in a bath containing 10% (NaOH) @ +212°F (+100°C). Cleaning in place (CIP) methods may be used. Applications include over 950 basic chemicals that are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table for proper hose selection.

**CAUTION:** For applications requiring greater than 90% sulfuric acid contact Denver Product Application (303) 744-5070. Chem Master™ Plus XLPE CR is designed to withstand fluid temperatures to +250°F (+121°C); however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above +125°F (+52°C). Not recommended for 'closed steam' cleaning.

**TEMPERATURE:** -40°F to +250°F (-40°C to +121°C) normal service.

**CONSTRUCTION:**  
**Tube:** Type K (Gatron™ Modified Cross-linked Polyethylene.) Tan. High chemical resistance.  
**Reinforcement:** Synthetic, high tensile textile with monofilament helix and static wire providing crush and kink-resistance.  
**Cover:** Type P (EPDM). Black corrugated with orange stripe. Additional color covers available on special order.  
**Design Factor:** 4:1

**COUPLINGS:** Use 7, 8, or 49 for fluid temperatures to +125°F (+52°C). Use permanent fittings only 71 or 73 for fluid temperatures above +125°F (+52°C) and up to +250°F (+121°C) or 80 Gates GSP (2" only). Reference the Hose Coupling Section.

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## Chemical Hose

### Chem Master™ Plus UHMWPE (125-200) SD Formerly - Renegade™



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Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Green	3/4	19.1	1.22	31.0	200	13.8	30.0	4.0	.41	100	PLT	T	Stock	4697-0014
Green	1	25.4	1.47	37.3	200	13.8	30.0	5.0	.51	100	PLT	T	Stock	4697-0015
Green	1	25.4	1.47	37.3	200	13.8	30.0	5.0	.51	200	PLT	T	MTO	4697-0057
Green	1 1/4	31.8	1.72	43.7	200	13.8	30.0	6.0	.60	100	PLT	T	Stock	4697-0016
Green	1 1/2	38.1	2.00	50.8	200	13.8	30.0	8.0	.78	100	PLT	T	Stock	4697-0017
Green	1 1/2	38.1	2.00	50.8	200	13.8	30.0	8.0	.78	200	PLT	T	MTO	4697-0058
Green	2	50.8	2.50	63.5	200	13.8	30.0	9.0	1.08	100	PLT	T	Stock	4697-0018
Green	2	50.8	2.50	63.5	200	13.8	30.0	9.0	1.08	200	PLT	T	MTO	4697-0059
Green	2 1/2	63.5	3.01	76.5	150	10.3	30.0	12.0	1.39	100	PLT	T	Stock	4697-0019
Green	3	76.2	3.53	89.7	150	10.3	30.0	18.0	1.76	100	PLT	T	Stock	4697-0020
Green	3	76.2	3.53	89.7	150	10.3	30.0	18.0	1.76	200	PLT	T	MTO	4697-0022
Green	4	101.6	4.53	115.1	125	8.6	30.0	24.0	2.49	100	PLT	T	Stock	4697-0021

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Chem Master™ Plus UHMWPE contains a wire helix for full suction capability, as well as for routing hoses through tight bends. The Ultra High Molecular Weight Polyethylene tube stock has excellent chemical resistance and is backed by Gates Gatron™ for flex fatigue safety at the coupling. Chem Master™ Plus UHMWPE is designed for easy cleaning in a bath containing 10% (NaOH) @ +212°F (+100°C). Cleaning in place (CIP) methods may be used. Applications include over 450 basic chemicals which are building blocks for numerous chemicals used in a variety of industries. Reference Gates Chemical Resistance Table for proper hose selection.

**CAUTION:** Chem Master™ Plus UHMWPE is designed to withstand fluid temperatures to +212°F (+100°C); however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above +125°F (+52°C).

**TEMPERATURE:** -40°F to +212°F (-40°C to +100°C) normal service.

**CONSTRUCTION:**  
**Tube:** Type L (Ultra High Molecular Weight Polyethylene). Clear, backed with Gatron™ Modified XLPE.  
**Reinforcement:** Synthetic, high tensile textile with steel wire helix.  
**Cover:** Type P (EPDM). Green corrugated with orange stripe.  
**Design Factor:** 4:1

**COUPLINGS:** Use 7, 8 or 49 for fluid temperatures to +125°F (+52°C). Use permanent fittings only 71 or 73 for fluid temperatures above +125°F (+52°C) and up to +212°F (+100°C). Reference the Hose Coupling Section.

## Chemical Hose

### Chem Master™ Plus CPE (150-200) SD MegaFlex®



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Black	3/4	19.1	1.20	30.5	200	13.8	30.0	1.5	.41	100	PLT	T	Stock	4696-0007
Black	1	25.4	1.46	37.1	200	13.8	30.0	2.0	.51	100	PLT	T	Stock	4696-0008
Black	1 1/4	31.8	1.72	43.7	200	13.8	30.0	2.5	.65	100	PLT	T	Stock	4696-0014
Black	1 1/2	38.1	1.92	48.8	200	13.8	30.0	3.0	.75	100	PLT	T	Stock	4696-0015
Black	2	50.8	2.48	63.0	200	13.8	30.0	4.0	1.01	100	PLT	T	Stock	4696-0016
Black	2 1/2	63.5	2.98	75.7	150	10.3	30.0	5.0	1.23	100	PLT	T	Stock	4696-0023
Black	3	76.2	3.48	88.4	150	10.3	30.0	8.0	1.61	100	PLT	T	Stock	4696-0024
Black	4	101.6	4.49	114.0	150	10.3	30.0	10.0	2.08	100	PLT	T	Stock	4696-0025

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of chemical products. Chem Master™ Plus CPE MegaFlex® contains a wire helix for full suction capability, as well as for routing hoses through extremely tight bend radius applications.

**CAUTION:** Chem Master™ Plus CPE MegaFlex® is designed to withstand fluid temperatures to 275°F (135° C), however, the rating is dependent upon the specific chemical being conveyed. Contact Denver Product Application (303-744-5070) for any chemical application above 125°F (+52°C).

**TEMPERATURE:** -40°F to +275°F (-40°C to +135°C) continuous service.

**CONSTRUCTION:**  
**Tube:** Type J (CPE). Black.  
**Reinforcement:** Synthetic, high tensile textile with dual wire helix providing crush and kink resistance.  
**Cover:** Type P (EPDM). Brown corrugated with orange stripe.

**COUPLINGS:** Use 7, 8 or 49 for fluid temperatures to +125°F (+52°C). Use permanent fittings only 71 or 73 for fluid temperatures above +125°F (+52°C) and up to +212°F (+100°C). Reference the Hose Coupling Section.

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## Chemical Hose

### Chem Master™ EPDM (125-150) SD Formerly - Colt®



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Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)	(In. Hg)	(in)	(Lbs.)	(ft)			(ft)	
Yellow	3/4	19.1	1.27	32.3	150	10.3	30.0	3.0	.50	100	PLT	T	MTO	4696-0002
Yellow	1	25.4	1.52	38.6	150	10.3	30.0	3.5	.61	100	PLT	T	Stock	4696-0001
Yellow	1 1/4	31.8	1.79	45.5	150	10.3	30.0	4.0	.77	100	PLT	T	MTO	4696-0003
Yellow	1 1/4	31.8	1.79	45.5	150	10.3	30.0	4.0	.77	200	PLT	T	MTO	4696-0203
Yellow	1 1/2	38.1	2.04	51.8	150	10.3	30.0	5.0	.89	100	PLT	T	Stock	4696-0004
Yellow	2	50.8	2.54	64.5	150	10.3	30.0	6.0	1.07	100	PLT	T	Stock	4696-0005
Yellow	2 1/2	63.5	3.05	77.5	150	10.3	30.0	9.0	1.34	100	PLT	T	MTO	4696-0006
Yellow	3	76.2	3.60	91.4	150	10.3	30.0	11.0	1.70	100	PLT	T	Stock	4696-0009
Yellow	3	76.2	3.60	91.4	150	10.3	30.0	11.0	1.70	200	PLT	T	MTO	4696-0013
Yellow	4	101.6	4.60	116.8	150	10.3	30.0	16.0	2.25	100	PLT	T	Stock	4696-0012
Yellow	6	152.4	6.78	172.2	125	8.6	30.0	24.0	5.29	100	PLT	T	MTO	4696-0017

**RECOMMENDED FOR:** Tank truck, barge, ship, or storage tank transfer of a variety of mild chemical products. Chem Master™ EPDM contains a wire helix for full suction capability, as well as for routing hoses through tight bends. Its EPDM tube stock will withstand +250°F (+121°C) applications. Reference Gates Chemical Resistance Table for proper hose selection.

**CAUTION:** Chem Master™ EPDM is designed to withstand fluid temperatures to +250°F (+121°C); however the rating is dependent on the specific chemical conveyed. Contact Denver Product Application (303) 744-5070 for any chemical above +125°F (+52°C).

**TEMPERATURE:** -40°F to +250°F (-40°C to +121°C) normal service.

**CONSTRUCTION:**  
**Tube:** Type P (EPDM). Black. Mild chemical resistance.  
**Reinforcement:** Synthetic, high tensile textile with steel wire helix.  
**Cover:** Type P (EPDM). Yellow corrugated with orange stripe.  
**Design Factor:** 4:1

**COUPLINGS:** Use 7, 8, or 49 for fluid temperatures to +125°F (+52°C). Use permanent fittings only 71 or 73 for fluid temperatures above +125°F (+52°C) and up to +250°F (+121°C). Reference the Hose Coupling Section.

## Chemical Hose

### Chem Master™ Paint Spray (500-750)

Formerly - 77B



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)		(mm)		(in)									
Black	1/4	6.4	.52	13.2	500	34.5	30.0	3.0	.09	700	Reel	EE	Stock	3207-0290
Black	5/16	7.9	.59	15.0	500	34.5	30.0	3.0	.11	700	Reel	EE	MTO	3207-0291
Black	3/8	9.5	.67	17.0	500	34.5	30.0	3.0	.14	700	Reel	EE	Stock	3207-0292
Black	1/2	12.7	.87	22.1	750	51.7	25.0	5.0	.23	700	Reel	EE	Stock	3207-0294
Black	3/4	19.1	1.16	29.5	750	51.7	25.0	6.0	.35	350	Reel	KK	Stock	3207-0296

**RECOMMENDED FOR:** Paint spray applications, as well as transfer of petroleum-based products (aliphatic, aromatic and chlorinated hydrocarbon such as toluene, xylene, benzene, gasoline and carbon tetrachloride). Reference Gates Chemical Resistance Table for proper hose selection. Compatible with commercially available Bio-Diesel fuels up to B-100.

**CAUTION:** Contact Denver Product Application (303) 744-5070 when conveying chemicals above +120°F (+49°C). Not recommended for acids or use in high pressure paint spray applications requiring a static-conductive hose.

**TEMPERATURE:** -40°F to +150°F (-40°C to +66°C) continuous service.

**CONSTRUCTION:** **Tube:** Type Z (Special Flexible Nylon 11). Clear.  
**Reinforcement:** Synthetic, high tensile textile cord.  
**Cover:** Type A (Chloroprene). Black.  
**Design Factor:** 4:1

**COUPLINGS:** 48. For paint service: Binks 3 piece compression ring only. Reference the Hose Coupling Section.

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CHEMICAL RESISTANCE TABLE

## Chemical Hose

### Chem Master™ DEF Transfer 350

Formerly - Diesel Exhaust Fluid



Color	Hose I.D.	Hose O.D.	Max. W.P.	Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO	Gates Item No.			
	(in)	(mm)										(in)	(mm)	(psi)
Black	3/4	19.1	1.12	28.4	350	24.1	15.0	4.0	.32	550	Reel	GG	Stock	4217-0310
Black	1	25.4	1.36	34.5	350	24.1	10.0	6.0	1.00	400	Reel	CC	Stock	4217-0311

**RECOMMENDED FOR:** DEF dispensing tank fill hose. Transfer of urea solutions such as ADBLUE.

**TEMPERATURE:** -40°F to +212°F (-40°C to +100°C) continuous service.

**CONSTRUCTION:**  
**Tube:** Type P (EPDM). Black – Peroxide Cured – No Zinc.  
**Reinforcement:** Synthetic, high tensile textile cord.  
**Cover:** Type P (EPDM). Black with orange stripe. Wrapped appearance.  
**Design Factor:** 4:1

**COUPLINGS:** 75 Gates GLX® or 82 Gates SS. Reference the Hose Coupling Section.

**STANDARDS:** **Tube:** Zinc and Calcium Carbonate Free.

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# Chem Master™ Hydrocarbon Drain 250



Color	Hose I.D.		Hose O.D.		Max. W.P.		Vac.	MBR	Wt. Per ft	Length	Std. Pack	Pkg Code	Stock or MTO (ft)	Gates Item No.
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)								
Tan	3/4	19.1	1.13	28.7	250	17.2	30.0	6.0	.42	500	Reel	UU	Stock	3624-0144

**RECOMMENDED FOR:** Drainage of hot liquid residue produced by the cleaning of storage tanks and containment vessels. Drainage of residue produced during the refining of hydrocarbons.

**TEMPERATURE:** -40°F to +300°F (-40°C to +150°C) continuous service.

**CONSTRUCTION:**  
**Tube:** Type C (Nitrile). Black.  
**Reinforcement:** Braided, high tensile steel wire.  
**Cover:** Type J (CPE). Tan with orange stripe.  
**Design Factor:** 4:1

**COUPLINGS:** 74 Gates MegaCrimp® couplings. Reference the Hose Coupling Section.

**STANDARDS:**  
**Tube:** ARPM (Class A) High oil-resistance.  
**Cover:** ARPM (Class B) Medium oil-resistance.

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