

## Chemical Hose

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



AGRICULTURE
AIR BREATHING
AIR DUCT
AIR AND MULTI-PURPOSE
CHEMICAL
FOOD AND BEVERAGE
MARINE AND ENGINE
MATERIAL HANDLING
MINING
OILFIELD
PETROLEUM
PRESSURE WASH AND WASHDOWN
STEAM
WATER
CLAMPS
COUPLINGS AND FERRULES
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 (ft)	Gates Item No.	List Price Per ft
	(in)	(mm)	(in)	(mm)	(psi)	(Bar)									
Black	3/4	19.1	1.25	31.8	200	13.8	30.0	4.0	.45	100	PLT	T	Stock	4695-0002	\$29.57
Black	3/4	19.1	1.25	31.8	200	13.8	30.0	4.0	.45	200	PLT	T	MTO	4695-0737	29.57
Black	1	25.4	1.50	38.1	200	13.8	30.0	5.0	.56	100	PLT	T	Stock	4695-0003	31.13
Black	1	25.4	1.50	38.1	200	13.8	30.0	5.0	.56	200	PLT	T	MTO	4695-0670	32.66
Black	1 1/4	31.8	1.75	44.5	200	13.8	30.0	6.0	.70	100	PLT	T	Stock	4695-0004	32.85
Black	1 1/4	31.8	1.75	44.5	200	13.8	30.0	6.0	.70	200	PLT	T	MTO	4695-0738	32.85
Black	1 1/2	38.1	2.04	51.8	200	13.8	30.0	8.0	.87	100	PLT	T	Stock	4695-0005	35.54
Black	1 1/2	38.1	2.04	51.8	200	13.8	30.0	8.0	.70	200	PLT	T	MTO	4695-0729	35.54
Black	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	100	PLT	T	Stock	4695-0001	44.78
Black	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	200	PLT	T	MTO	4695-0698	44.78
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	53.10
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	53.10
Black	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	100	PLT	T	Stock	4695-0007	63.74
Black	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	200	PLT	T	MTO	4695-0699	63.74
Black	4	101.6	4.69	119.1	150	10.3	30.0	24.0	2.72	100	PLT	T	Stock	4695-0008	78.45
Black	4	101.6	4.69	119.1	150	10.3	30.0	24.0	2.72	200	PLT	T	MTO	4695-0055	78.45
Green	1	25.4	1.50	38.1	200	13.8	30.0	5.0	.56	100	PLT	T	Stock	4695-0628	31.13
Green	1 1/2	38.1	2.04	51.8	200	13.8	30.0	8.0	.87	100	PLT	T	Stock	4695-0211	35.54
Green	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	100	PLT	T	Stock	4695-0216	44.78
Green	2	50.8	2.54	64.5	200	13.8	30.0	9.0	1.08	200	PLT	T	MTO	4695-0700	44.78
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	54.26
Green	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	100	PLT	T	Stock	4695-0229	63.74
Green	3	76.2	3.58	90.9	150	10.3	30.0	18.0	1.81	200	PLT	T	MTO	4695-0701	63.74

**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.