

CHEM MASTER® UHMWPE (125-200) SD

HIGH PRESSURE OILFIELD HOSE



APPLICATION

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. Applications include over 450 basic chemicals which are building blocks for numerous chemicals used in a variety of industries.

TEMPERATURE (-40°C to +100°C) (-40°F to +212°F)

CONSTRUCTION **Tube** Type L (Ultra High Molecular Weight Polyethylene)

Reinforcement Synthetic, high tensile textile with steel wire helix

Cover Type P (EPDM)

STANDARDS

COUPLINGS Use combination nipple, Tri-Lokt, or Quick-Connecting for fluid temperatures to +125°F (+52°C). Use permanent fittings only swaged or crimped fluid temperatures above +125°F (+52°C) and up to +250°F (+121°C).

CAUTION

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



ID		OD		WORKING PRESSURE		BURST PRESSURE		VAC	MBR		WEIGHT		MAX HOSE LENGTH	
inch	mm	inch	mm	bar	psi	bar	psi	(in Hg)	inch	mm	kg/ft	lb/ft	ft	Pack
3/4	19	1.22	31	13.8	200	55.2	800	30	4	102	0.2	0.4	100	Stock
1	25	1.47	37	13.8	200	55.2	800	30	5	127	0.2	0.5	100/200	Stock/MTO
1 1/4	32	1.72	44	13.8	200	55.2	800	30	6	152	0.3	0.6	100	Stock
1 1/2	38	2.00	51	13.8	200	55.2	800	30	8	203	0.4	0.8	100/200	Stock/MTO
2	51	2.50	64	13.8	200	55.2	800	30	9	229	0.5	1.1	100/200	Stock/MTO
2 1/2	64	3.01	77	13.8	200	55.2	800	30	12	305	0.6	1.4	100	Stock
3	76	3.53	89.7	10.3	150	41.4	600	30	18	457	0.8	1.8	100/200	Stock/MTO
4	102	4.53	115.1	8.6	125	34.5	500	30	24	610	1.1	2.5	100	Stock