

Chemical Hose

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



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	Gates Item No.	List Price Per ft			
	(in)												(mm)	(psi)	(Bar)
Green	3/4	19.1	1.22	31.0	200	13.8	30.0	4.0	.41	100	PLT	T	Stock	4697-0014	\$32.49
Green	1	25.4	1.47	37.3	200	13.8	30.0	5.0	.51	100	PLT	T	Stock	4697-0015	34.26
Green	1	25.4	1.47	37.3	200	13.8	30.0	5.0	.51	200	PLT	T	MTO	4697-0057	34.26
Green	1 1/4	31.8	1.72	43.7	200	13.8	30.0	6.0	.60	100	PLT	T	Stock	4697-0016	36.17
Green	1 1/2	38.1	2.00	50.8	200	13.8	30.0	8.0	.78	100	PLT	T	Stock	4697-0017	39.05
Green	1 1/2	38.1	2.00	50.8	200	13.8	30.0	8.0	.78	200	PLT	T	MTO	4697-0058	39.05
Green	2	50.8	2.50	63.5	200	13.8	30.0	9.0	1.08	100	PLT	T	Stock	4697-0018	49.20
Green	2	50.8	2.50	63.5	200	13.8	30.0	9.0	1.08	200	PLT	T	MTO	4697-0059	49.20
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	58.43
Green	3	76.2	3.53	89.7	150	10.3	30.0	18.0	1.76	100	PLT	T	Stock	4697-0020	70.10
Green	3	76.2	3.53	89.7	150	10.3	30.0	18.0	1.76	200	PLT	T	MTO	4697-0022	70.10
Green	4	101.6	4.53	115.1	125	8.6	30.0	24.0	2.49	100	PLT	T	Stock	4697-0021	86.34

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.