



FLX-CHEM SD/300 UHMW-PE

Chemical Suction and Delivery Hose
UHMW-PE 300PSI W.P.

Application

Suction and delivery hose for wide range of chemicals, petroleum derivatives and food stuff.

Tube

Transparent, smooth, FDA approved UHMW-PE tube, incapsulated in white EPDM rubber.

Reinforcement

High strength synthetic plies, dual helix wires, dual anti-static crossing copper wires.

Cover

Green EPDM, wrapped impression, abrasion, weather and heat resistant.

Temp. Range

-40°C to +100°C; -40°F to 212°F (120°C / 250°F intermittent)



ID



OD



WP



BP



VACUUM



Minimum BR/r



W

ID		OD		WP		BP		VACUUM		Minimum BR/r		W	
inch	mm	inch	mm	BAR	PSI	BAR	PSI	BAR	In/Hg	mm	inch	gr/mt	lbs/ft
3/4"	19	1.20	30.6	20.7	300	83	1200	0.95	28	86	3.39	680	0.46
1"	25.4	1.53	38.9	20.7	300	83	1200	0.95	28	110	4.33	974	0.65
1 1/4"	32	1.88	47.8	20.7	300	83	1200	0.95	28	135	5.31	1404	0.94
1 1/2"	38	2.13	54.1	20.7	300	83	1200	0.95	28	152	5.98	1816	1.22
2"	50.8	2.63	66.8	20.7	300	83	1200	0.95	28	194	7.64	2243	1.51
2 1/2"	63.5	3.13	79.5	20.7	300	83	1200	0.95	28	198	7.8	2875	1.93
3"	76.2	3.63	92.2	17.2	250	70	1000	0.95	28	220	8.66	3382	2.27
4"	101.6	4.67	118.6	14	200	56	800	0.95	28	340	13.39	4860	3.27
6"	152.4	6.77	172	14	200	56	800	0.95	28	598	23.54	8568	5.76