



W-UHMWPE

UHMWPE CHEMICAL SUCTION AND DELIVERY HOSE WP 10 BAR / 150 PSI

Chemical Suction Hose is a high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. Chemical Suction hose construction incorporates a Smooth Ultra High Molecular Weight Polyethylene (**UHMWPE**), with **EPDM** cover that features a temperature rating to 120°C. **Meets FDA, USDA and 3-A requirements**, and will not leach into and contaminate the product being conveyed. The dual wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground and is suitable for use with internally expanded couplings. The cover is resistant to abrasion, mild chemicals and ozone.

Tube	Clear, Smooth Ultra High Molecular Weight Polyethylene (UHMW-PE).
Reinforcement	Multi plies of synthetic high tensile textile with 2 helix wire providing high crush and kink resistant hose capability.
Cover	Green EPDM Rubber, resistant to Chemical, weathering and ozone.
Application	Designed for in-plant or Tank Truck use, suction and discharge of chemical and solvents.
Temperature	-40°C to +120°C
Safety Factor	3:01 1Pascal=1Bar-1Mpa=10Bar-1Bar

I. D.		O.D		WALL THICKNESS		WORKING PRESSURE (MAX)		BURST PRESSURE (MIN)		VACUUM (MAX)	BEND RADIUS (MIN)	WEIGHT (APPROX)	STANDARD LENGTH
Inch.	Mm	Mm	Mm	Mm	Bar	Psi	Psi	bar		%	Mm	Kg/m	M
1	25	38		7	10	150	30	459		90	150	0.988	40
2	51	67		8	10	150	30	459		90	275	1.924	40
3	76	95		9.5	10	150	30	459		90	380	3.265	40