



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	Bar	PSI	Bar	PSI	%	Mm	Kg/m	M		
1	25	38	7	10	150	30	450	90	150	0.988	60		
2	51	67	8	10	150	30	450	90	275	1.924	60		
3	76	95	9.5	10	150	30	450	90	380	3.265	60		