

Novaflex Chemical Transfer Hose

4700 UHMWP chemical suction & discharge hose



I.D."	O.D.	WP psi	MBR	Vacuum	WT/ lbs/ft
¾	1.19	250	3.5	Full	.58
1	1.47	250	4	Full	.63
1 ½	2.08	250	4	Full	1.06
2	2.58	250	6	Full	1.33
3	3.61	200	9	Full	2.12
4	4.61	200	10	Full	2.83

Novaflex 4700 UHMWP Chemical Suction & Discharge Hose

A lightweight, flexible chemical transfer hose designed for both suction & discharge applications. The special Ultra High Molecular Weight Polyethylene tube will handle 98% of all industrial chemicals (See chemical resistance chart, chemical rating is dependent on the temperature of the chemical.) Heavy duty hose cover designed to resist abrasion, ozone, chemicals and general abuse associated with tank truck and in plant applications. Non staining UHMW tube. To utilize the maximum temperature rating of the hose always install permanently attached fittings.

Construction

Tube	UHMWP
Cover	Green abrasion resistant EPDM, steel helix with multiple plies of tire cord
Temperature	-40°F to +250°F

4705 UHMWP Crush Resistant chemical suction & discharge hose



I.D.	O.D.	WP psi	MBR	Vacuum	WT/ lbs/ft
¾	1.26	200	4	Full	.40
1	1.50	200	4	Full	.49
1 ½	2.00	200	5	Full	.64
2	2.66	200	7	Full	1.28
3	3.67	200	10	Full	1.92

Novaflex 4705 Crush Resistant UHMWP Chemical Suction and Discharge Hose

Special Kink & Crush Resistant version of 4700 design, utilizing a multi-ply construction with dual special monofilament helix rods. Excellent for use in those demanding abusive transfer applications. To utilize the maximum temperature rating of the hose always install permanently attached couplings.

Construction

Tube	Ultra high molecular weight polyethylene
Reinforcement	Multiple plies of tire cord with dual monofilament helix, static wire
Cover	Green EPDM Rubber
Temperature	-40°F to +212°F (Intermittently to 250°F) Consult Chemical Resistance Chart

***WARNING!** Elevated temperatures can change the chemical resistance rating of 4705. Check the chemical resistance charts published by Novaflex to verify that the chemical to be transferred is rated for use with the UHMWP tube at the temperature & concentrations listed. Most chemicals become more aggressive the higher the temperature, reducing the ability of the tube material to withstand them. Compatibility information is available from Novaflex. If no data exists, it is the users responsibility to determine if the hose is compatible with the chemical to be transferred. **Never use Novaflex 4705 above the ratings listed by Novaflex.**

Due to continuous improvements, technical data subject to change without notice

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