

Novaflex®

Chemical Transfer Hose

UHMW Chemical Suction & Discharge Hose

Novaflex 4700

A lightweight flexible chemical transfer hose designed for almost every common industrial chemical used in industry today.

Non-staining UHMW tube.

Specifications

Tube: Clear Ultra High Molecular Weight polyethylene

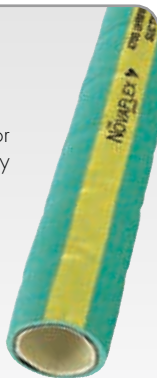
Reinforcement: Multiple plies of high tensile textile with dual helix

Cover: Green abrasion resistant EPDM, steel helix with multiple plies of tire cord

Length: 100ft

Temperature Range: -40°F (-40°C) to +250°F (+121°C)

Non-stock orders: (other color hose covers: blue, black, purple, yellow, white, grey) are available and require a 400ft minimum order per I.D.



UHMW Crush Resistant Chemical Suction & Discharge Hose

Novaflex 4705

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.

Specifications

Tube: Ultra high molecular weight polyethylene

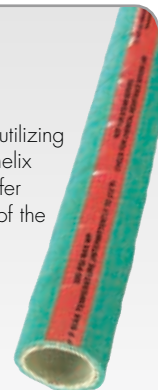
Reinforcement: Multiple plies of tire cord with dual monofilament helix, static wire

Cover: Green EPDM Rubber

Temperature: -40°F to +212°F (Intermittently to 250°F)

Consult Chemical Resistance Chart.

Teflon® is a registered trademark of DuPont



When coupling chemical and higher risk hoses, Novaflex® recommends the use of crimp couplings using interlocking crimp ferrules.

Part No.	I.D.	O.D.	Plies	MBR (in)	Vacuum Hg	WP psi	WT LBS/FT
4700CU-07500-00	¾	1.20	2	3.5	29"	250	0.58
4700CU-01000-00	1	1.55	2	4	29"	250	0.63
4700CU-01250-00	1¼	1.80	2	4.5	29"	250	0.80
4700CU-01500-00	1½	2.05	2	5	29"	250	1.06
4700CU-02000-00	2	2.56	2	8	29"	250	1.33
4700CU-02500-00	2½	3.08	2	10	29"	200	1.78
4700CU-03000-00	3	3.61	2	16	29"	200	2.12
4700CU-04000-00	4	4.65	2	24	29"	200	2.83
4700CU-06000-00	6	7.07	4	30	29"	200	4.95

Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	Plies	WP psi	WT LBS/FT
4705CU-00750-00	¾	1.35	4	29"	2	200	0.40
4705CU-01000-00	1	1.60	4	29"	2	200	0.49
4705CU-01500-00	1½	2.10	5	29"	2	200	0.64
4705CU-02000-00	2	2.75	8	29"	2	200	1.28
4705CU-03000-00	3	3.79	10	29"	2	200	1.92

***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 UHMW 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®.**

All products are warranted to be free from all defects in material and workmanship. It is impossible to test all products under all conditions to which they might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all products under the conditions that duplicate the service conditions prior to installation. All improvements, all specifications are subject to change without prior notice. It is the buyer and/or end users' responsibility to review our complete **Terms and Conditions of Sale** located on our web sites at: www.novaflex.com / www.z-flex.com / www.flexmaster.com.

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