

Novaflex 4710 UHMW Chemical Suction & Discharge Hose

A lightweight flexible chemical transfer hose designed for almost every common industrial chemical used in industry today. Non-staining UHMW tube.

***WARNING!!**

Construction:

Tube: Clear Ultra High Molecular Weight polyethylene.

Reinforcement: Multiple plies of high tensile textile with dual helix

Cover: Green abrasion resistant green EPDM (Available in blue, yellow black and grey, white - with 400ft order)

Length: 100 ft.

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

Consult chemical resistant chart. Not for steam service.

Can be open end steam cleaned



Part No.	I.D.	O.D	MBR (in)	VAC (Hg)	Plies	WP psi	WT LBS/FT
4710CU-00750-00	¾	1.30	5	29"	2	300	.40
4710CU-01000-00	1	1.55	5	29"	2	300	.50
4710CU-01500-00	1½	2.06	7	29"	2	300	.92
4710CU-02000-00	2	2.66	10	29"	2	300	1.55
4710CU-03000-00	3	3.75	12	29"	2	300	2.30

***WARNING!** Elevated temperatures can change the chemical resistance rating of 4710. 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 4710 above the ratings listed by Novaflex.

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

Novaflex 4800 / 4878

Novaflex 4800 Red Smooth Nitrile Cover Novaflex 4878 Black Smooth Nitrile Cover Viton Acid Suction Hose

Recommended for transfer of acid, solvents and chemicals either by pressure or gravity flow. Used as chemical transfer hose for loading tank cars, transport trucks and storage tanks.

Construction:

Tube: Viton® chemical and heat resistant rubber

Reinforcement: Plies of polyester tire cord with helix wire

Cover: Smooth black weather and abrasion resistant nitrile rubber

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +250°F (+121°C)

Consult chemical resistance chart. Not for steam service,

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Part No.	I.D.	O.D	Plies	WP psi	MBR	WT LBS/FT
XXXXBV-00750-00	¾	1.42	2	200	4	0.19
XXXXBV-01000-00	1	1.59	2	200	4	0.47
XXXXBV-01250-00	1¼	1.86	2	200	6	1.15
XXXXBV-01500-00	1½	2.13	2	200	6	1.33
XXXXBV-02000-00	2	2.83	2	200	8	2.14
XXXXBV-02500-00	2½	3.20	2	200	10	2.19
XXXXBV-03000-00	3	3.70	2	200	12	2.67
XXXXBV-04000-00	4	4.76	4	200	16	4.25

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

Novaflex 4801 / 4879

Viton® Acid Discharge Hose Novaflex 4801 Red Smooth Nitrile Cover Novaflex 4879 Black Smooth Nitrile Cover

Used as a discharge hose for highly corrosive chemicals.

Construction:

Tube: Viton® chemical and heat resistant rubber.

Reinforcement: Plies of polyester tire cord.

Cover: Black, weather resistant nitrile rubber.

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +250°F (+121°C)

Consult chemical resistance chart. Not for steam service,

can be open end steam cleaned.



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
XXXXBV-00500-00	½	1.22	2	200	0.36
XXXXBV-01000-00	1	1.47	2	200	0.61
XXXXBV-01250-00	1¼	1.72	2	200	0.73
XXXXBV-01500-00	1½	2.03	2	200	0.97
XXXXBV-02000-00	2	2.65	4	200	1.53
XXXXBV-02500-00	2½	3.15	4	200	1.04
XXXXBV-03000-00	3	3.65	4	200	2.19
XXXXBV-04000-00	4	4.70	4	150	3.04

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

Rev: 11.2020