

Novaflex 4200 EPDM Chemical Suction Hose

A medium duty chemical suction and discharge hose designed to meet the general needs of the industry.

Construction:

Tube: Black high grade EPDM

Reinforcement: Multiple plies of tire cord with dual helix wire

Cover: Blue EPDM

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +225°F (+107°C)

Consult chemical resistance chart.

Not for steam service. Can be open end steam cleaned



Part No.	I.D.	O.D.	Plies	MBR (in)	Vacuum HG	WP psi	WT LBS/FT
4200BE-01000-00	1	1.62	2	4	29"	150	0.59
4200BE-01250-00	1¼	1.88	2	4.5	29"	150	0.81
4200BE-01500-00	1½	2.19	2	5	29"	150	1.02
4200BE-02000-00	2	2.63	2	8	29"	150	1.52
4200BE-02500-00	2½	3.15	2	10	29"	150	1.84
4200BE-03000-00	3	3.75	2	16	29"	150	2.45
4200BE-04000-00	4	4.87	4	24	29"	150	3.55

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

Novaflex 4201 EPDM Chemical Discharge Hose

A high quality discharge hose designed to transfer common chemicals found in industrial service.

Construction:

Tube: Black high grade EPDM

Reinforcement: Multiple plies of tire cord

Cover: Blue EPDM

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +225°F (+107°C)

Consult chemical resistance chart before use.

Not for steam service. Can be open end steam cleaned



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
4201BE-01000-00	1	1.55	2	150	0.41
4201BE-01250-00	1¼	1.80	2	150	0.53
4201BE-01500-00	1½	2.07	2	150	0.63
4201BE-02000-00	2	2.70	4	150	1.02
4201BE-03000-00	3	3.70	4	150	1.47

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

Novaflex 4203 Diesel Exhaust Fluid (DEF) Transfer Hose

This is a 200psi working pressure rated hose specifically designed to transfer DEF fluids. This suction and discharge hose has an EPDM construction designed to be resistant to the effects of the media transferred. This hose is flexible and excellent for reel applications.

Construction:

Tube: Specially formulated EPDM

Reinforcement: Plies of cord and helix wire

Cover: Blue EPDM

Length: 50 ft & 100 ft plain ends/boxed

Temperature Range: -40° (-40°C) to +210°F (+98°C)

Banding- DEF Hose, 4203BE, 200psi, 210° max temp, urea fluid



Part No.	I.D.	MBR (in)	Vacuum HG	Plies	WP psi	WT LBS/FT
4203BE-00750-00	¾	2.5	Full	2	200	0.48
4203BE-01000-00	1	3	Full	2	200	0.6
4203BE-01500-00	1½	6	Full	2	200	0.63
4203BE-02000-00	2	6	Full	2	200	1.52

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

Novaflex 4600

FEP Chemical Transfer Hose

Recommended for the transfer of products that require a hose tube with the highest level of chemical resistance. The FEP "teflon-type" tube provides that extra margin of safety; with a white chemical resistant back up rubber stock for high adhesions. FEP transfer hose is excellent for tank truck, barge loading, storage tank transfer and in plant applications requiring flexibility and durability.



Construction:

Tube: FEP

Reinforcement: Multiple plies of polyester tire cord with helix wire

Cover: Blue EPDM (available in black, gray, yellow, green, white with 400ft. order)

Length: 100 ft

Couplings: Use only permanently attached couplings designed for "teflon-type" tube hoses

Temperature Range: -40° (-40°C) to +300°F (+149°C) dependant on chemical conveyed. Consult chemical resistant chart. Not for steam service. Can be open end steam cleaned.

Part No.	I.D.	O.D	Plies	MBR (in)	Vacuum HG	WP psi	WT LBS/FT
4600CF-00500-00	½	0.96	2	3	29"	500	0.3
4600CF-00750-00	¾	1.25	2	4	29"	500	0.45
4600CF-01000-00	1	1.49	2	7	29"	450	0.57
4600CF-01500-00	1½	2.01	2	10	29"	350	0.8
4600CF-02000-00	2	2.52	2	14	29"	300	1.42

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

Meets or exceeds the requirements of FDA & USDA under 21 CFR 177, 1550, 3-A sanitary standards 20-15.

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

Novaflex 4700

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	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

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

***WARNING!** Elevated temperatures can change the chemical resistance rating of 4700. 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 4700 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 4704 Corrugated UHMW Chemical Suction & Discharge Hose

A corrugated version of 4700 designed to offer added flexibility.

***WARNING!!**

Construction:

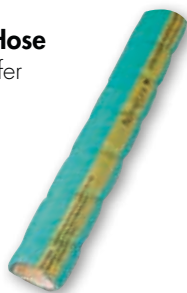
Tube: Clear Ultra High Molecular Weight polyethylene.

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.	Plies	MBR (in)	Vacuum Hg	WP psi	WT/ LBS/FT
4704CU-01500-00	1½	2.10	2	4	29"	250	1.06
4704CU-02000-00	2	2.61	2	6	29"	250	1.33
4704CU-02500-00	2½	3.13	2	7	29"	200	1.78
4704CU-03000-00	3	3.66	2	12	29"	200	2.12

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

***WARNING!** Elevated temperatures can change the chemical resistance rating of 4704. 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 4704 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 4705 UHMW Crush & Kink Resistant Chemical Hose

Special kink and 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 permanently attach couplings

***WARNING!!**

Construction:

Tube: Ultra high molecular weight polyethylene.

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

Cover: Green EPDM rubber.

Length: 100 ft.

Temperature Range: -40°F (-40°C) to +212°F (+82°C)

May be used at +250°F intermittent.

Consult chemical resistant chart.



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 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.

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

Teflon® is a registered trademark of DuPont

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,

can be open end steam cleaned



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.

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