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

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

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

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

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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.

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
--- | --- | --- | --- | --- | --- | --- | ---
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.

Part No. | I.D. | O.D | Plies | MBR (in) | Vacuum HG | WP psi | WT LBS/FT
--- | --- | --- | --- | --- | --- | --- | ---
4700CU-07500-00 | ½ | 1.20 | 2 | 3 | 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

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 user's 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. Teflon® is a registered trademark of DuPont

*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 user's 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.
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

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

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.

*Viton® is a registered trade mark of DuPont