Air & Water Hose

**Novaflex 1000**
*Textile Air Hose*

Designed for heavy-duty use on industrial pneumatic tools in mines, quarries and construction.

**Construction:**
- Tube: Medium oil resistant
- Reinforcement: Plies of polyester tire cord
- Cover: Yellow weather and abrasion resistant rubber
- Lengths: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 300psi (21Bar) to 2.5 ID, 250psi (17Bar) 3” to 4” ID
- Style No: 1000BE
*Available in a non-conductive and 400psi (27.5Bar) version

**Novaflex 9131**
*Oxygen Charging Hose*

A rugged hose designed to meet the demanding conditions experienced in the transfer of oxygen.

**Construction:**
- Tube: Black Neoprene rubber
- Reinforcement: Plies of polyester tire cord
- Cover: Green weather and abrasion resistant neoprene rubber, pin pricked
- Lengths: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 500psi (34Bar)
- Style No: 9131BN
Made on stainless steel mandrels, no petroleum lubrications, ends capped.

**Novaflex 1208**
*Hot Air Blower Hose*

A flexible lightweight hose designed for transferring hot air to tanks on dried bulk material trucks. EPDM to withstand temperatures up to 375°F (190.6°C) on an intermittent basis.

**Construction:**
- Tube: Black EPDM
- Reinforcement: Multiple plies of polyester tire cord with wire helix
- Cover: Black heat resistant EPDM rubber
- Lengths: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to 350°F (176°C)
- Not for steam service
- Working Pressure: 150psi (17Bar)
- Style No: 1208BE
*Available with a corrugated cover, Style 1971BE

**Novaflex 2152**
*Water Suction Hose*

This heavy duty water suction hose is designed for use on portable pumps by contractors, quarries and mine sites.

**Construction:**
- Tube: Black synthetic EPDM rubber
- Reinforcement: Plies of polyester tire cord with wire helix
- Cover: Smooth black weather and abrasion resistant rubber
- Lengths: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 1 1/2” to 250psi (17Bar), 2” to 200psi (18Bar)
- Style No: 2152BE

**Novaflex 2150**
*Water Discharge Hose*

**Construction:**
- Tube: Black synthetic EPDM rubber
- Reinforcement: Plies of polyester tire cord
- Cover: Smooth black weather and abrasion resistant rubber
- Lengths: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 1 1/2” to 250psi (17Bar), 2” to 200psi (18Bar)
- Style No: 2150BE
**Novaflex 2140**

**Papermill Washdown Hose with Nozzle (50ft. lengths)**

A quality wash down hose used in paper mills and other industrial applications. Supplied with integral tapered nozzle.

**Construction:**
- Tube: Black synthetic rubber
- Reinforcement: Plies of polyester tire cord
- Cover: Green weather and abrasion resistant rubber supplied with integral tapered rubber nozzle built into end. (Optional colors available)
- Length: 50ft (15.2m) (Lengths up to 100ft (30.5m) available on request)
- Temperature Range: -30°F (-34°C) to 200°F (93°C)
- Working Pressure: 1” to 200psi (18Bar), 1 1/2” to 150psi (10Bar)
- Style No: 2140BE

**Novaflex 2200**

**Water Jetting Hose**

Designed to be extremely flexible, lightweight high pressure water jetting hose. Premium cover provides protection against cuts, gouging, scuffs and ozone.

**Construction:**
- Tube: Black EPDM
- Reinforcement: Polyester tire cord
- Cover: Smooth black EPDM cover
- Length: 100ft (30.5m)
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 2” to 500psi (34Bar), 3” to 400psi (27Bar)
- Style No: 2200BE

Available in high pressure style 2250BE

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**Novaflex 1501**

**Molded Nozzle (50ft. lengths)**

**Construction:**
- Tube and Cover: SBR/EPDM. Heavy duty, tough, long lasting Papermill Washdown hose with molded nozzle
- Reinforcement: 4 plies of tire cord 0.5”- 1.5” ID
- Length: 50ft (15.2m) (lengths up to 100ft (30.5m) )
- Temperature Range: -30°F to 200°F (WP to 300 psi)
- Working Pressure: 300psi (20Bar)
- Style No: 1501BE

**Novaflex 2151**

**Heavy Duty Hot Water Washdown Hose**

Designed to meet the more rugged washdown applications in the food processing industry.

**Construction:**
- Tube: White EPDM
- Reinforcement: Multiple layers of polyester cord
- Cover: White EPDM non marking
- Length: 100ft (30.5m)
- Temperature range: -40°F to 212°F
- Working Pressure: 300psi (20Bar)
- Style No: 2151WE
- Not rated for steam
- Available in white oil resistant non-marking cover style 2145WE.
- Available with FDA cover and tube style 5521

**Novaflex 2636**

**Slip Ring/ Couless Rubber Water Hose**

A lightweight layflat water discharge hose which is connected without couplings. The hose is built with a male and female end enabling the user to connect hoses. The male end is inserted into the female end and locked into place with a steel ring. The hoses can be easily connected and disconnected in the field without tools. Ideal for dewatering applications, irrigation, light dredging, etc.

**Construction:**
- Tube: Black synthetic EPDM rubber
- Reinforcement: Multiple plies polyester tire cord
- Cover: Black synthetic rubber
- Length: 50 ft (15.2m)
- Temperature Range: -40°F (-40°C) to 180°F (82°C)
- Working Pressure: 12" to 40psi (3Bar), 14” to 16” to 35psi (2.5Bar), 24” to 30psi (2Bar)
- Style No: 2636BE

Disconnect to re-use
Novaflex 6500
Connoisseurs Food & Beverage Hose (Full vacuum) 150psi WP

Connoisseurs food and beverage hose is a versatile full vacuum high quality hose designed to transfer non-oily products without imparting odor or taste. Meets the sanitary industry’s requirements for transferring a variety of food grade liquid products. Resistant to “cleaning-in-process” solutions and meets the requirements of FDA, USDA & 3-A.

Construction:
- Tube: White Chlorobutyl (full vacuum)
- Reinforcement: Multiple plies of polyester tire cord with wire helix (microbe resistant)
- Cover: Gray EPDM
- Temperature Range: -40°F (-40°C) to +240°F (115°C)
- Working Pressure: 150psi (10Bar)
- Style No: 6500WB
- Not for steam service, can be open end steam cleaned.

Novaflex 6505
Wine Hose (Crush Resistant) 250psi WP

Connoisseur "Crush Resistant" hose is designed be the ultimate food hose. This unique hose construction uses a special monofilament helix which provides flexibility, kink resistance in a light weight hose. Full vacuum through 3”ID and 20” hg in 4” FDA, USDA, 3-A

Construction:
- Tube: Chlorobutyl Microbe resistant tube
- Reinforcement: Multiple plies of polyester tire cord
- Cover: Purple EPDM
- Temperature Range: -40°F (-40°C) to +240°F (115°C)
- Working Pressure: 250psi (17Bar)
- Style No: 6505

Novaflex 6501
Connoisseurs Food & Beverage Discharge Hose 250psi WP

The same high quality hose as Novaflex 6500, designed to handle non-oily discharge applications only. The multi-ply construction provides excellent resistance to kinking. Meets the requirements of FDA, USDA & 3-A.

Construction:
- Tube: White Chlorobutyl (microbe resistant)
- Reinforcement: Multiple plies of polyester tire cord
- Cover: Gray EPDM
- Lengths: 100 ft (30.5m)
- Temperature Range: -40°F (-40°C) to +240°F (115°C)
- Working Pressure: 250psi (17Bar)
- Style No: 6501WB
- Not for steam service, can be open end steam cleaned.

Novaflex 6502
High Pressure, Connoisseurs Brewery Discharge Hose 350psi WP

Novaflex 6502 special construction provides maximum flexibility for ease of handling. The special smooth Chlorobutyl bacteria resistant tube designed for non-oily products will not impart odor or taste. Meets FDA, USDA and 3-A.

Construction:
- Tube: White Chlorobutyl
- Reinforcement: Multiple plies of polyester tire cord
- Cover: Red EPDM
- Lengths: 100 ft (30.5m)
- Temperature Range: -40°F (-40°C) to +240°F (115°C)
- Working Pressure: 350psi (24Bar)
- Style No: 6502WB
- Not for steam service, can be open end steam cleaned.
Novaflex 6400
EPDM Food Suction & Discharge Hose
150psi WP

Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. The food grade EPDM tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications.

**Construction:**
- Tube: FDA white EPDM
- Reinforcement: Multiple plies of polyester tire cord with wire helix
- Cover: Gray EPDM
- Lengths: 100 ft (30.5m)
- Temperature Range: -40°F (-40°C) to +225°F (107°C)
- Working Pressure: 150psi (10Bar)
- Not for steam service
- Style No: 6400WE

Novaflex 6401
EPDM Food Discharge Hose
250psi WP

Working Pressure: 250psi (17Bar)
Style No: 6401WE

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Novaflex 6403
UHMW Tube EPDM Food Suction & Discharge Hose

Recommended for special applications that require smooth tubes and easy to clean surfaces. Recommended for the food transfer application that demands flexibility and ruggedness with a clean white FDA ultra high molecular weight polyethylene grade tube. This food grade tube is odorless and tasteless for all food grade purpose liquid transfer applications.

**Construction:**
- Tube: FDA UHMW - odor and tasteless
- Reinforcement: Multiple plies of polyester tire cord with helix wire
- Cover: Gray EPDM
- Lengths: 100 ft (30.5m)
- Temperature Range: -40°F (-40°C) to +225°F (107°C)
- Working Pressure: 200psi (14Bar)
- Style No: 6403CU
- Not for use with steam.

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Novaflex 6300
Nitrile Food Suction & Discharge Hose
150psi WP

Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. The food grade nitrile tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications.

**Construction:**
- Tube: White Nitrile (FDA)
- Reinforcement: Multiple plies of tire cord with dual helix wire
- Cover: Gray PVC Nitrile
- Lengths: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +225°F (107°C)
- Working Pressure: 150psi (10Bar)
- Style No: 6300WT

Novaflex 6301
Nitrile Food Discharge Hose 250psi WP

Available with high grade weather resistant cover.
Working Pressure: 250psi (17Bar)
Style No: 6301WT

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Novaflex 6303
Nitrile Corrugated Suction & Discharge Hose

Designed for oil and food transfer applications that require added flexibility and a white FDA grade tube. The food grade nitrile tube is odorless and will not impart taste to product conveyed.

**Construction:**
- Tube: White Nitrile (FDA)
- Reinforcement: Multiple plies of tire cord with helix wire
- Cover: Gray PVC Nitrile
- Lengths: 100 ft (30.5m)
- Temperature Range: -40°F (-40°C) to +225°F (124°C)
- Working Pressure: 150psi (10Bar)
- Style No: 6303WT
- Not for steam service, can be open end steam cleaned.
**Novaflex 3254**
**SAE100R4 Oil Return Hose**
A very flexible return line hose designed for farming, industrial and construction equipment and other similar applications.

**Construction:**
- Tube: Nitrile
- Reinforcement: Multiple plies polyester tire cord and steel wire helix
- Cover: Black Neoprene
- Length: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +200°F (93°C)
- Working Pressure: 1” to 250psi (17Bar), 2” to 100psi (7Bar)
- Style No: 3254BT

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**Novaflex 3233**
**SAE 100R4 Low Temp Oil Return Hose**
A special low temperature hydraulic return line that meets or exceeds the requirements of SAE100R4 type hose.

**Construction:**
- Tube: Special Low temperature nitrile
- Reinforcement: Polyester tire cord with steel helix
- Cover: Special black low temperature nitrile
- Length: 100 ft (30.5m)
- Temperature Range: -65°F (-54°C) to +200°F (93°C)
- Working Pressure: 1” to 250psi (17Bar), 2” to 100psi (7Bar)
- Style No: 3233BT

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**Nova BioFuel 100**
**Bio-diesel and Ethanol Service**
A rubber hose designed to handle all grades of Bio-diesel and Ethanol. This is a full suction and discharge hose for in plant applications or for loading tank cars and trucks.

**Construction:**
- Tube: Viton® chemical and heat resistant rubber
- Reinforcement: Plies of polyester tire cord with helix wire
- Cover: Smooth red weather and abrasion resistant nitrile rubber
- Length: 100 ft (30.5m)
- Temperature Range: -20°F (-29°C) to +250°F (121°C)
- Working Pressure: 200psi (14Bar)
- Consult chemical resistance chart
- Not for steam service, can be open and steam clean.

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**Uni-BioFuel 100**
**Bio-diesel and Ethanol Service**
Uni-BioFuel 100, a more flexible alternative fuel hose designed to handle all grades of bio-diesel, including 100% B100, neat bio-diesel and E85 - 85% ethanol fuel blends. Uni-BioFuel hoses are built with a specialized combination of high performance films and fabrics designed to handle today’s fully concentrated alternative fuels.

**Uni-BioFuel 100**
- G-High Tensile Galvanized Carbon Steel Inner Helix
- G-High Tensile Galvanized Carbon Steel Outer Helix
- Temperature Range: -40°F (-40°C) to +180°F (82°C)
- Working Pressure: 250psi (17Bar)
- [Intermittent, transfer service 250°F (121°C)]

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**Petroleum TRANSFER HOSE**

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**Novaflex 3253**
**Tank Truck Hose**
Nitrile tube designed for use with oil, gasoline and other petroleum products. Ideal for pressure, gravity flow or suction service from tank trucks, tank cars or bulk plants. Steel wire helix is spiraled between multiple plies of tire cord to reinforce hose to resist crushing and kinking.

**Construction:**
- Tube: Nitrile
- Reinforcement: Multiple plies polyester tire cord and steel wire helix
- Cover: Black neoprene
- Length: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +180°F (82°C)
- Working Pressure: 150psi (10Bar)
- Style No: 3253BT
- *Available in lighter weight style 3260BT*
Petroleum TRANSFER HOSE

**Novaflex 3859**
**Nitrile Hot Tar & Asphalt Hose**

Designed for the transfer of tar, asphalt, hot oils and other high temperature petroleum based products.

**Construction:**
- Tube: Black high grade nitrile rubber
- Reinforcement: Pies of polyester tire cord with helix wire
- Cover: Smooth black abrasion resistant nitrile
- Length: 100 ft (30.5m)
- Temperature Range: -40°F (-40°C) to 350°F (176°C)
- Working Pressure: 150psi (10Bar) (intermittent service only)
- Style: 3859BT

**Novaflex 2019**
**Coolant Hose**

Designed for heavy duty industrial or automotive coolant service. This three ply construction hose has a specially blended tube compound designed to resist heat and oil.

**Construction:**
- Tube: Black EPDM
- Reinforcement: Pies of fabric
- Cover: Black EPDM
- Length: Available in 50 ft (15.2m) lengths
- Temperature Range: -40°F (-40°C) to 200°F (93°C)
- Working Pressure: 1” to 90psi (6Bar), 1 1/4” to 75psi (5Bar), 1 1/2” to 65psi (4.5Bar), 2” to 50psi (3.5Bar),
- Style No: 2019BE

**Novaflex 3261**
**Medium Duty Dock Hose**

This is a multi-purpose hose designed for suction and discharge applications. This dock hose is highly flexible and has an all weather cover which is resistant to oil, cuts, abrasion and gouges. The tube is resistant to petroleum products with aromatic content to 50%. Meets all US Coast Guard requirements for Dock/OS & D. hose.

**Construction:**
- Tube: Nitrile
- Reinforcement: Multiple plies polyester tire cord and steel wire helix
- Cover: Smooth black oil resistant neoprene
- Length: Cut & 100 ft (30.5m) lengths
- Temperature Range: -30°F (-34°C) to 200°F (93°C)
- Working Pressure: 225psi (15.5Bar)
- Style No: 3261BT

**Novaflex 3265**
**Corrugated Dock Hose**

Specially designed for barge unloading where flexibility and ease of handling are required. Special tire cord reinforcement with dual wire helix and corrugated cover enhances its characteristics.

**Construction:**
- Tube: NBR
- Reinforcement: Polyester tire cord, dual wire helix
- Cover: Black NBR/PVC corrugated
- Ends: Straight
- Length 100 ft (30.5m) (max)
- Temperature Range: -30°F (-34°C) to 200°F (93°C)
- Working Pressure: 225psi (15.5Bar)
- Style No: 3265

**Novaflex 3267**
**Heavy Duty Dock Hose**

Heavy duty OS&D dock hose designed to meet the most rugged barge and ship loading applications. High grade nitrile aromatic products. Heavier duty construction (extra body plies)
**Novaflex 3258**

**Tank Truck**

**Crush & Kink Resistant Petroleum Suction & Discharge Hose**

Special kink and crush resistant version of Novaflex 3258 design, utilizing a multi-ply construction with dual monofilament helix rods. Excellent for use in those demanding abusive situations.

**Construction:**
- Tube: Nitrile resistant to 55% aromatic fuels
- Reinforcement: Multipleplies of tire cord with dual monofilament helix, static wire special polyester thermoplastic rod
- Cover: Black oil and abrasion resistant compound
- Length: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +180°F (82°C)
- Working Pressure: 200 psi (14 Bar)
- Style No: 3258BT

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**Novaflex 3257**

**Corrugated Low Temperature Tank Truck Hose**

A medium duty low temperature petroleum suction and transfer hose designed to be highly flexible with a hose cover that provides extra abrasion resistance to meet the demanding requirements of industry.

Handles all grades of gasoline with aromatic contents to 55%.

**Construction:**
- Tube: Black Nitrile
- Reinforcement: Multipleplies polyester tire cord with helix
- Cover: Corrugated blue oil resistant rubber
- Length: 100 ft (30.5m)
- Temperature Range: -65°F (-53°C) to +180°F (82°C)
- Working Pressure: 150 psi (10 Bar)
- Style No: 3257BT

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**Novaflex 3256**

**Corrugated Tank Truck Heavy Duty Hose**

A heavy duty petroleum suction and transfer hose designed to provide excellent flexibility, while meeting the demanding requirements of general industry. Novaflex 3256 is the choice for that extra rugged application, handles all grades of gasoline with aromatic contents to 55%.

**Construction:**
- Tube: Black Nitrile
- Reinforcement: Multipleplies polyester tire cord with helix
- Cover: Corrugated red oil resistant rubber
- Length: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +180°F (82°C)
- Working Pressure: 200 psi (14 Bar)
- Style No: 3256
  *Available in medium duty style 3255BT

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**Novaflex 3550**

**Heavier Duty Petroleum Discharge Hose**

Designed to be flexible with a hose cover that provides extra abrasion resistance to meet the demanding requirements of industry. Handles all grades of petroleum with aromatic contents to 55%.

**Construction:**
- Tube: Black Nitrile
- Reinforcement: Multipleplies tire cord with static wire
- Cover: Red oil and abrasion resistant rubber
- Length: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +180°F (82°C)
- Working Pressure: 250 psi (17 Bar)
- Style No: 3550BT
Medium Duty Material Handling Hose Static Conductor*

An lighter more flexible economical alternative to rubber hose when static buildup is a concern.

**Construction:**
Extruded Red TPR and Black Static Conductive helix

**Lengths:** 50 ft (15.2m) & 100 ft (30.5m)

**Temperature Range:** -20°F (-28°C) to +165°F (74°C)

**Working Pressure:** 6” to 30psi (2Bar)

**Style No:** 9NFSCAP

*Conductivity of hose should be tested regularly. Test with OHMS meter using conductive fittings inserted into each end of hose.

Novaflex HDAP-XT All Purpose Thermoplastic Rubber Wet & Dry Material Handling Hose

Heavy duty thermoplastic inner tube with fully encapsulated external helix. Heavy wall for industrial use. Good chemical resistance. Abrasion resistance for medium duty material handling, with smooth interior for superior product flow.

**Construction:**
Extruded Black TPR

**Lengths:** 50 ft (15.2m) & 100 ft (30.5m)

**Temperature Range:** -65°F (-54°C) to +225°F (107°C)

**Working Pressure:** 6” to 30psi (2Bar)

**Style No:** 9SFHDAP

Rated for full vacuum

Novaflex Yellow Jack Pumper-Sanitation Hose

Design for extreme flexibility, optimum flow and crush resistance. An external wear rib prevents damage from abrasion. Used for liquid transfer; sanitary and cesspool. Suction; construction and quarry. Suction service; machine and tank liquid transfer and more.

**Construction:**
Material: Eva/Polyethylene co-polymer

**Lengths:** 1½” to 3” diameter; 10ft (3.1m), 20ft (6.1m), 25ft (7.6m), 30ft (9.1m), 50ft (15.2m), 60ft (18.3m), 4” diameter; 10ft (3.1m), 20ft (6.1m), 25ft (7.6m)

**Temperature Range:** -40°F (-40°C) to +140°F (60°C)

**Working Pressure:** 2” to 25psi (1.7Bar)

**Working Pressure:** 4” to 10psi (0.7Bar)

**Style No:** 9NFYLJK

Not for steam service

Rated for full vacuum
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: Yellow EPDM
- Length: 100 ft (30.5m)
- Temperature Range: -30°F (-34°C) to +225°F (107°C)
- Working Pressure: 150psi (10Bar)
- Style No: 4200BE
- Consult chemical resistance chart
- Not for steam service, can be open end steam cleaned.
- Available with high grade weather resistant cover.

Novaflex 4700
UHMWP 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.

**Construction:**
- Tube: Clear Ultra High Molecular Weight polyethylene
- Reinforcement: Multiple plies of high tensile textile with monofilament helix
- Cover: Green abrasion resistant EPDM (Available in red, blue, yellow black and grey, white & orange - with 400ft order)
- Length: 100 ft (30.5m)
- Temperature Range: up to -40°F (-40°C) to 250°F (121°C)
- Working Pressure: 200psi (93Bar)
- Style No: 4700CU
- Consult chemical resistant chart
- Not for steam service, can be open end steam cleaned.
- Novaflex offers a complete line of Viton and Hypalon (Novaflex 4880/4881) tube Chemical Suction and Discharge hoses.
Novaflex 4201
EPDM Chemical Discharge Hose
A high quality discharge hose designed to transfer common chemicals found in industrial service.

Construction:
Tube: Clear Ultra High Molecular Weight polyethylene
Reinforcement: Multiple plies of high tensile textile with monofilament helix
Cover: Green abrasion resistant EPDM (Available in red, blue, yellow black and grey, white & orange - with 400ft order)
Length: 100 ft (30.5m)
Temperature Range: up to -40°F (-40°C) to +250°F (121°C)
Working Pressure: 150psi (10Bar)
Style No: 4700CU
Consult chemical resistant chart. Not for steam service, can be open end steam cleaned. Novaflex offers a complete line of Viton and Hypalon (Novaflex 4880/4881) tube Chemical Suction and Discharge hoses.

Novaflex 4705
UHMWP Chemical Suction & Discharge Hose
A lightweight flexible chemical transfer hose with unique kink resistant construction provides for longer service life. Full vacuum through 3” ID. 4”=20”Hg negative pressure.

Construction:
Tube: Clear Ultra High Molecular Weight polyethylene
Reinforcement: Multiple plies of high tensile textile with monofilament helix
Cover: Green abrasion resistant EPDM (Available in red, blue, yellow black and grey, white and orange - with a 400ft order)
Length: 100 ft (30.5m)
Temperature Range: up to -40°F (-40°C) to 180°F (82°C)
Working Pressure: 100psi (7Bar)
Style No: 4705

Novaflex 9155
Furnace Door Fiberglass Hose
Designed to withstand extreme external heat 378˚C (1000°F) from exterior in open hearth steel mill furnaces. Carries water to the furnace door.

Construction:
Tube: Green SBR non-conductive synthetic rubber.
Reinforcement: Plies of polyester tire cord
Cover: One ply of white fiberglass fabric.
Length: 100 ft (30.5m)
Temperature Range: up to 180°F (82°C) Internal. [1000°F (537°C) External]
Working Pressure: 1” to 300psi, 2” to 250psi
Style No: 9155GS
Available with Nomex® fabric cover
Novaflex style 9156 for added abrasion resistance.

Novaflex 5520
Red Low Pressure Non-Conductive Steam Hose 100psi
This flexible textile reinforced hose is ideal for transferring steam in medium duty applications. This is a non-conductive steam hose and should only be used where non-conductive hose is applicable.

Construction:
Tube: Red EPDM rubber
Reinforcement: Plies of fiberglass tire cord
Cover: Smooth Red weather and abrasion resistant EPDM rubber
Length: 100 ft (30.5m)
Temperature Range: up to 338°F (170°C)
Working Pressure: 100psi (7Bar)
Style No: 5520RE
Non-conductive
Available in black low pressure conductive steam Novaflex style 5510 where an electrically conductive hose is required.
Novaflex 5020
Industrial Vacuum Hose

Designed for light duty commercial vacuum cleaners used in foundries, factories and similar applications where a flexible and lightweight construction is preferred.

**Construction:**
- Tube: 1/16” abrasion resistant
- Reinforcement: Fabric with helix wire
- Cover: Black corrugated
- Length: 50 ft (15.2m)
- Ends: Plain (Also available with cuffs.)
- Temperature Range: -40°F (-40°C) to +160°F (71°C)
- Rated full vacuum to 4” diameters
- Available in a variety of tube gauges ranging from: 1/8”, 3/16”, 1/4”, 5/16”, 3/8”, 1/2”
- Available in lower pressure 100PSI (7Bar) version style 5001

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Novaflex 5015
Material Handling Hose
1/8” gum tube

Lightweight material handling hose designed for portable and central industrial vacuum equipment. The 1/8” abrasion resistant tube is ideal for conveying light materials by gravity flow or at low working pressures. (Ground using helix wire to make static conductive).

**Construction:**
- Tube: 1/8” Tan gum
- Reinforcement: Plies of fabric with helix wire
- Cover: SBR-Black corrugated
- Length: 50 ft (15.2m)
- Ends: Plain or soft cuffs
- Temperature Range: -40°F (-40°C) to +140°F (60°C)
- Style No: 5015
- Rated full vacuum to 6” diameters
- Available in heavier duty ¼” gum tube full vacuum to 6” diameter for truck mount applications and other. Style 5016

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Novaflex 5000
Slurry King Hose
Pure Gum Liner 150psi WP

Tough, versatile alternative to inflexible, cumbersome steel tubing. Absorbs system vibration and saves wear on equipment. Compensates for thermal expansion and contraction, reduces noise. Flexible connection for hard piping misalignment. Available with many inner tube compounds to meet specific material handling needs.

**Construction:**
- Tube: Black abrasion, red abrasion, black natural or pure gum
- Reinforcement: Fabric and helix wire
- Cover: Ozone and ultra violet resistant
- Temperature Range: -40°F (-40°C) to +150°F (65°C)
- Working Pressure: 150psi (10Bar) (depending on compound)
- Style No: 5000PG
- Length: 60 ft (18.3m). Available in a variety of tube gauges ranging from: 1/8”, 3/16”, 1/4”, 5/16”, 3/8”, 1/2”
- Available in lower pressure 100PSI (7Bar) version style 5001

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Slurry King
Reusable Hose & Flange System

The easy handling and reusable quick-fastening flange system make installation a snap. Can be cut on site for immediate installation. No welding necessary.
Novaflex 5164
Tan Gum Tubing

Wrapped finish, mandrel made tan gum tubing designed for a variety of industrial, construction and chemical applications.

**Construction:**
- Tube: Tan gum
- Length: 50 ft (15.2m)
- Temperature Range: -30°F (-40°C) to +140°F (60°C)
- Working Pressure: Gravity feed only.
- Style No: 5164TG
- Durometer: 42 duro
- Available in EPDM; SBR; Nitrile and Neoprene. A large variety of diameters available ranging from 1¼” to 24” upon request.

Novaflex 5785
Concrete Pumping Hose

High pressure hose designed to handle the pumping of concrete, plaster or grout mixture.

All purpose cover provides excellent flexibility and wear resistance to abrasive slurries.

**Construction:**
- Tube: Abrasion resistant static dissipating SBR.
- Reinforcement: 4 plies polyester tire cord
- Cover: Black EPDM/SBR
- Length: 100 ft (30.5m)
- Temperature Range: -20°F (-28°C) to +160°F (71°C)
- Working Pressure: 2” to 800psi (55Bar), 3” to 500psi (34.5Bar), 4” to 400psi (27.5Bar)
- Style No: 5785BE

Novaflex 5772
Bulk Material Discharge Hose

Abrasion resistant hose designed for transferring dry bulk material such as cement, sand, lime, fertilizers, etc. Static dissipating tube is designed to resist cutting and abrasion.

Cover is abrasion, age and weather resistant.

**Construction:**
- Tube: Black abrasion resistant static conductive SBR.
- Reinforcement: Multiple plies of tire cord.
- Cover: Black synthetic rubber.
- Length: 100 ft (30.5m)
- Temperature Range: -10°F (-25°C) to +180°F (82°C)
- Working Pressure: 75psi (5Bar)
- Style No: 5772
- Available with 1/8” tube gauge, style 5770; or 3/16” tube gauge, style 5771

Novaflex 5331
Dredge Sleeves/
Sand Discharge Hose

A specially compounded abrasive resistant and static conductive tube. This hose is manufactured to very close O.D. tolerances.

**Construction:**
- Tube: Black abrasion resistant synthetic rubber.
- Reinforcement: Polyester tire cord.
- Cover: Black abrasion and weather resistant synthetic rubber.
- Length: 20 ft (6.1m)
- Temperature Range: up to 180°F (82°C)
- Working Pressure: 150psi (10Bar)
- Style No: 5331BS
Novaflex 5332
Sand Suction Hose
A specially compounded abrasive resistant and static conductive tube. This hose is manufactured to very close O.D. tolerances.
**Construction:**
- Tube: Black abrasion resistant synthetic static conductive rubber
- Reinforcement: Polyester tire cord with helix wire
- Cover: Smooth black abrasion and weather resistant synthetic rubber.
- Length: 20 ft (6.1 m)
- Temperature Range: up to 180°F (82°C)
- Working Pressure: 4” to 150 psi (10 Bar), 6” to 12” to 100 psi (7 Bar)
- Style No: 53328S
- Rated for full vacuum

Novaflex 7086
Superflex Dust Collector Hose
Recommended for mining dust collectors and roof-bolt drills. Corrugated cover gives good flexibility and bend radius. Meets MSHA requirements.
**Construction:**
- Tube: Abrasive-resistant, static-conductive
- Reinforcement: Helical wire with single ply of nylon fabric
- Cover: Black flame resistant, corrugated.
- Length: 50 ft (15.2 m)
- Ends: Soft cuffs
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 1 1/2” to 50 psi (3.4 Bar), 2” to 45 psi (3.1 Bar), 4” to 30 psi (2 Bar)
- Style No: 7086BG
*Available in smooth cover style Novaflex 7080BG

Novaflex AF Liner
A low pressure hose, designed to be extremely light weight, but offer high flexibility and abrasion resistance in vacuum and discharge applications.
**Construction:**
- Tube: 1/8” ultra high abrasion resistant red natural rubber
- Reinforcement: Multiple plies of fabric with steel helix
- Cover: Rubberized fabric
- Temperature Range: 30°F (-34°C) to 140°F (60°C)
- Working Pressure: 2” to 30 psi (2 Bar), 4” to 25 psi (1.7 Bar), 6” to 16 psi (1.1 Bar), 8” to 12 psi (0.8 Bar)
- Available in many other tube compounds.
- Integral soft cuffs available upon request.
- Style No: 3MBAF2RA_ _

Novaflex 7013
Crush Resistant Rock Dust Hose
Recommended for conveying rock dust from blowing machines in coal mines. Meets MSHA requirements. Hose will rebound when crushed by equipment or run over by rubber wheels. Highly recommended for service where heavy abuse is expected. Plastic rod maintains open I.D. in tight bends.
**Construction:**
- Tube: Abrasion resistant, static-conductive
- Reinforcement: Helical plastic rod between 2 plies of fabric
- Cover: Black flame resistant, corrugated.
- Length: 50 ft (15.2 m)
- Ends: Soft cuffs
- Temperature Range: -30°F (-34°C) to 180°F (82°C)
- Working Pressure: 1 1/2” to 100 psi (7 Bar), 2” to 85 psi (6 Bar)
- Style No: 7013BG

*Available in smooth cover style Novaflex 7010BG*
Novaflex 7005
**Mining Conduit Hose (Non Reinforced)**

Recommended for electrical cable protection in mines and on mining equipment. Meets MSHA 2G-1C-34/3 flame-resistance requirements and is non-conductive. Construction maintains open I.D. for easy application.

**Construction:**
- Tube: Black synthetic rubber
- Cover: Black synthetic rubber
- Length: 50 ft (15.2m)
- Ends: Plain
- Temperature Range: -45°F (-42°C) to +200°F (93°C)
- Style No: 7005BS
- Also available with fabric reinforcement for added service life; Style 7008BG

**CAUTION:** Not to be used as an insulator.

Novaflex 143
**PVC Conduit Hose MSHA Flame Resistant**

An excellent cable cover for the mining industry. Low cost, flexible and easy to install. Meets the requirements of MSHA 1C-14/2.

**Construction:**
- Tube: PVC
- Cover: PVC
- Length 50ft (15.2m) & 100ft (30.5m)
- Temperature Range: -20°F (-28°C) to +120°F (49°C)
- Style No: 143WL
Novaflex 5010

Sludge Slayer Hose

5/16” Gum Tube

Heavy duty material handling hose designed for portable and central industrial vacuum equipment as well as truck mount applications. The 5/16” abrasion resistant tube is designed to resist cutting, tearing and wear from abrasive media. The heavy helix wire is designed to resist kinking and crushing as well as handle full vacuum. (Ground using helix wire to reduce static.)

Construction:
Tube: 5/16” White Natural
Reinforcement: Plies of fabric with helix wire
Cover: Green corrugated
Length: 50 ft (15.2m)
Temperature Range: -40°F (-40°C) to +160°F (71°C)
Style No. 5010WG

Novaflex 5050

Vacuum Boom or Port Hose

Heavy duty corrugated vacuum hose. Corrugated outer cover for easy of handling. Designed for full vacuum boom applications. Smooth inner tube for enhanced material flow. Abrasion resistant tube for extended wear.

Construction:
Tube: 3/16” White Abrasion Resistant tube
Reinforcement: Plies of fabric with helix wire
Cover: Black corrugated
Length: 50 ft (15.2m)
Temperature Range: -40°F (-40°C) to +160°F (71°C)
Style No. 5050
Novaflex 5051
Boom Connector Hose


**Construction**
- Tube: Abrasion resistant tube
- Reinforcement: Plies of fabric
- Cover: Black corrugated
- Style No. 5051BG
- Standard Lengths: 60” (1.5m), 62” (1.6m), 63” (1.6m) Overall Length. Available with Red abrasion tube. Rated for full vacuum.

Novaflex 5060
Convoluted Street Sweeper Hose

Ultra flexible and compressible construction for optimum performance. Complete with integral soft cuffs for ease of installation.

**Construction**
- Tube: Abrasion Resistant tube
- Reinforcement: Plies of fabric
- Cover: Black convoluted
- Style No. 5060
**Engineered HOSES**

**Plied Hose**
Hose is built with a smooth or corrugated cover, the plies of reinforcement are uniform throughout the hose. Using various reinforcement types & combinations will effect the rated working parameters of the hose. A continuous helix wire runs the length of the hose. Some can have 2 helix wires.

**Duck & Rubber Flange**
The tube and all fabric reinforcement is turned up the face of the flange end. A split steel back up flange is fitted to the back of the fabric flange face. Hose and flange are integral. This design is used for light weight flanged connections and where there is abrasion or the media conveyed can damage standard steel ends.

**Integral Flange**
Integral flange with encapsulated backring. Reinforcing plies of fabric and tube are extended to the outermost diameter of the backup ring. No metal is exposed to corrosive gaskets. Seals are not required. Available on any of our hoses according to application.

**Gimball Hose**
Hose is built with a smooth or corrugated cover, the plies of reinforcement are uniform throughout the hose. Special helix rings are built in to the carcass. This provides extra flexibility due to a flex point engineered between each helix ring.

**Steel Nipple**
Built In Steel Nipples with either fixed or floating flanges. The strongest end connection design that can be used in higher pressure hoses. This design has the hose tube butted up against the hose nipple end, and continued over the built in nipple. This type end is used where the media conveyed is not damaging to the steel connections.

**Beaded End**
A special angled build up at the hose end designed to provide a rubber to rubber seal. This type hose end uses metal split back-up rings (150# drilling) to fit the angle of the built up area and are used to pull beaded end tight to its connection forming a good seal.

**Steel Nipple (Rubber Lined)**
This is a superior design to duck & rubber flanges. The rubber tube is built under the hose nipple and turned up the face of the flange. This is a stronger end connection. This design is used where there is abrasion or the media conveyed can damage the metal used on end connections. The steel back-up flange rotates to easily mate with the bolt holes on the joining flange, eliminates potential damage from hose torque.

**Hot Sulfur Dock Hose**
Heavy Duty high temperature compounds combined in a special hose design to permit excellent flexibility and reliability. Smooth abrasion resistant tube, 6” to 12” ID – lengths to 100’. Built in nipples & floating flanges, tested to USCG. Temperature Range: -40°F (-40°C) to 350°F (176°F)

**Hot Tar Dock Hose**
Heavy duty high temperature compounds combined in a special hose design to permit excellent flexibility and reliability. High temperature oil resistant tube, 6” to 12” ID – lengths to 100’. Built in nipples & floating flanges, tested to USCG. Temperature Range: -40°F (-40°C) to 350°F (176°F)
NovaFlex manufacturing operations possess the capability of producing a broad range of custom hose constructions. NovaFlex offers a wide range of end configurations as shown below in diameters ranging from 1/2” (1.27 cm) to 24” (61 cm). Custom ends include: built-in nipple, built-in nipple with flanged end, built-in nipple with rubber faced flanged end, integral flange. Rubber compounds options are as follows: Natural rubber, SBR, EPDM, Nitrile, Neoprene, Hypalon*, UHMW, XLPE, Viton*, and FDA materials. Reinforcement materials include: polyesters, nylons, fiberglass, Nomex* and Kevlar*.

*Registered trademarks of E.I. Dupont Company

Novaflex Single Arch Expansion Joint
Engineered flexible connectors install easily in a variety of piping systems. This protects the system from damage due to vibration and stress created by thermal expansion and contraction. Unusual and non-standard sizes and styles can be custom built to specification.

Novaflex Double Arch Expansion Joint
Connectors are custom made to protect your piping systems from stress caused by vibration and thermal expansion and contraction. Both ends, full face flanged. Food grade. Available in a variety of materials and configurations.

Novaflex Suction Box Hose
Suction box hose meets all your suction service requirements on pulp and paper processing machinery where lateral movement may be required. Accordion style for maximum flexibility. Flanged end or soft cuff to meet individual requirements. Available with custom ends according to need.

Novaflex Pinch Valve Sleeve
Ideal for use in valves for slurry and solids handling. Manufactured with a variety of rubber compounds and synthetic fabrics to meet the abrasion requirements and burst ratings of the desired application. Unusual and non-standard sizes and styles can be custom built to specification.
**Novaflex Hump Hose**
Custom engineered transitory connector for use in venting applications where vibration or thermal expansion and contraction is present. Extremely flexible and ideal for applications up to 600°F. Available in custom polymers and configurations.

**Novaflex Street Sweeper - Leaf Collector**
Outstanding for leaf collection and light vacuum applications on street cleaning equipment. Custom designed to exact specifications.

**Novaflex Spool Piece**
Connectors are custom made to meet individual requirements. Full faced flanged by beaded end. Available in many polymers. Non standard and unusual sizes also available.

**Novaflex Multiflex Connector**
These connectors install easily into a variety of piping systems. This protects the system from damage due to vibration and movement. Available in a variety of materials and configurations to meet all piping system and fluid processing needs.

**Novaflex Single Arch Bellow**
Flexible connectors engineered to customer requirements to protect piping systems. Single arch with soft cuffs Available in a variety of materials and configurations.

**Novaflex Multiflex Connector**
Heavy duty high temperature. These connectors install easily into a variety of piping systems. This protects the system from damage due to vibration and movement. Available in a variety of materials and configurations to meet all piping system and fluid processing needs.

**Novaflex Double Arch Bellow**
Custom engineered connectors install easily into a variety of piping systems. Soft cuffs at both ends. Available in a variety of materials and configurations according to application.

**Novaflex End Configurations**
Custom made to suit any piping system. Both ends are flanged. Available in a variety of materials and configurations. Non-standard sizes are our specialty.