



## Industrial Rubber & Plastic Hose Product Guide 2012

# The Products

## Plastic Extruded Hose and Duct

NovaFlex manufactures a complete line of extruded thermo-plastic duct and hose products manufactured for use in material handling, clean room environments, fume control, welding, exhaust, agriculture, cable conduit and custom OEM applications. This product line has been designed to offer superior flexibility; high temperature, chemical resistance and abrasion resistance using advanced plastics technology. New products include, heavy duty vacuum and discharge hose, static conductor hose.

**Brands: NovaFlex Hose**

## Rubber Hose and Connections

NovaFlex manufactures a complete line of material handling, petroleum, food grade, chemical and mining hoses, expansion joints and connectors. These are available with custom end configurations from built-in lined flanges to beaded ends. All products are available in a complete range of tube compounds and gauges for added resistance to abrasion, heat and corrosive conditions.

**Brands: NovaFlex Hose, Slurry-King**

## Marine Hose and Connections

NovaFlex manufactures a comprehensive range of marine hose products, all constructed to marine service specifications in accordance with ABYC, U.S. Coast Guard and I.M.O. regulations. Products are available for ship-to-shore transfer, ship-to-ship transfer, wellhead material supply, rig gas exchange, ship manifold exchange and marine refueling. Products include: conduit, exhaust and fuel systems, hardwall and softwall hoses, and ventilation and water systems hose products.

**Brands: NovaFlex Hose, NovaFlex Marine Hose**

## Composite Petro-Chemical Hose

NovaFlex's flexible and lightweight liquid transfer and bottom loading composite hose offer optimum chemical resistance to aggressive media. The products are available in a complete range of advanced films and fabrics to meet all hose requirements. Uni-Chem composite hoses are available with externally crimped dry seal fittings.

**Brands: Uni-Chem Composite**



## Industrial Rubber, Plastic Hose & Composite Hose Guide

October 2012

Novaflex offers the most complete selection of industrial rubber and plastic hose.

Novaflex continuously seeks ways to improve product quality and processes. Success is based on an ability to create value with innovative products and services that exceed expectations and requirements.

Novaflex is an industry leader whose quality products are sold both across North America and around the world.

**Canada**  
**Ajax, Ontario**

Tel: 905.686.5200  
Fax: 905.686.8349

**U.K.**  
**Bromborough, Wirral**

Tel: 44(0)151.334.0873  
Fax: 44(0)151.334.7145  
sales@novaflex.co.uk

**U.S.A.**  
**West Berlin, NJ**

Tel: 856.768.2275  
Fax: 856.768.2385  
1.800.225.0215

**Indianapolis, IN**

Tel: 317.334.1444  
Fax: 317.334.1535  
1.800.526.6288

**Burlington, NC**

Tel: 336.578.2161  
Fax: 336.578.5554  
1.800.334.4270

**www.novaflex.com** Email: **sales@novaflex.com**

## Please read this information carefully before using any of the information in this book.

This catalogue is a guide for use in selecting the correct hose for the correct application. It contains warnings, reference directions and directions for the safe use of industrial hose. All guidelines should be clearly understood before specifying or using any Novaflex product.

Failure to follow recommended application information and recommended procedures may result in premature failure, resulting in bodily injury or property damage. Contact Novaflex or your local Novaflex distributor for assistance.

**Coupled assemblies** - Novaflex hoses have specific working pressures published. Never exceed the working pressure for any reason. The choice of coupling and the attachment method may cause the assembly to have a lower working pressure because the couplings may not be able to take the hose to its rated burst pressure.

### 1. Chemical Hose

- a. Always consult the Novaflex Chemical Resistance Chart to verify chemical compatibility.  
(See: [www.novaflex.com](http://www.novaflex.com))
- b. Do not use chemicals at higher temperatures than shown on the Chemical Resistance Chart.  
Higher temperatures increase the effect of chemicals on hose tubes. If temperatures above 125° F are applicable, please consult Novaflex.

### 2. Proper Care Use & Maintenance

See Novaflex Correct Care and Maintenance Guide form no 2003-1 (See: [www.novaflex.com](http://www.novaflex.com)).

### 3. Hose Coupling

- a. Always use the NAHAD Assembly Guidelines for working pressure.
  - b. Use Coupling Manufacturer's recommendations for attachment, application and testing procedures.
4. Temperature may effect the service life of a hose assembly. The temperature rating of the hose should never be exceeded. Even though the hose has a specific temperature rating, time can also effect the coupling attachment method. Always have an inspection and test program for all hoses every 6 months.
  5. Always err on the side of safety. Remove a hose from service if there is any doubt about its serviceability.



Novaflex recommends the use of NAHAD hose assembly guidelines.

*It is impossible to test Novaflex hose under all of the conditions to which it might be subjected in the field. It is therefore the buyer and/or end users' responsibility to test all hose products under conditions that duplicate the service conditions prior to installation. Due to continuous improvements, technical data is subject to change without notice.*



## Air Hose & Compressed Gas Hose

Novaflex 1000 Textile Air Hose	1
Novaflex 1011 Textile Air Hose	1
Novaflex 1015 Textile GP & Air Hose	2
Novaflex 1015 Textile Coupled Jackhammer with Universal Couplings	2
Novaflex 1025 Wire Braid Air Hose	2
Novaflex 9131 Oxygen Charging Hose	3
Novaflex 1208 Hot Air Blower Hose	3
Novaflex 1971 Hot Air Blower Corrugated Hose	3

## Chemical Hose

Novaflex 4200 EPDM Chemical Suction Hose	4
Novaflex 4201 EPDM Chemical Discharge	4
Novaflex 4600 FEP Chemical Transfer Hose	4
Novaflex 4700 UHMW Chemical Suction-Smooth Hose	5
Novaflex 4704 UMW Chemical Suction & Discharge Hose	5
Novaflex 4705 UHMW Crush & Kink Resistant Hose	5
Novaflex 4710 Oil Resistant UHMW Chemical Suction & Discharge	6
Novaflex 4800/4878 Viton Acid Suction Hose	6
Novaflex 4801/4879 Viton Acid Discharge Hose	6

## Composite Petro Chemical Hose

Standard Chemical Service	7
Standard Petroleum Service	7
Special Petroleum Service	7
Special Chemical Service	8
Bottom Loading Service	8
Vapor Recovery Service	8
Uni-FLON HT	9
Uni-OIL HT	9
UniBio Fuel 100	9
Novaflex Bend Restrictor	10
Novaflex Pump-Flex™ Composite Hose	10
Composite Hose Couplings	

## Food & Beverage Hose

Novaflex 6200 Flour Discharge Hose	11
Novaflex 6201 Food Suction Hose	11
Novaflex 6284 Potable Water Discharge Hose	12
Novaflex 6285 Potable Water Suction Hose	12
Novaflex 6286 NSF	12
Novaflex 6300 Nitrile Food 150 Suction & Discharge Hose	13
Novaflex 6301 Nitrile Food Discharge Hose	13
Novaflex 6303 Corrugated Nitrile Food 150 S & D Hose	13
Novaflex 6309 Nitrile Food 150 Crush Resistant S & D Hose	14

Novaflex 6310 Nitrile Food 250 Crush Resistant S & D Hose	14
Novaflex 6400 EPDM Food 150 Suction & Discharge Hose	15
Novaflex 6401 EPDM Food Discharge Hose	15
Novaflex 6403 UHMW EPDM Food Suction & Discharge Hose	15
Novaflex 6500 Connoisseurs Food & Beverage Hose	16
Novaflex 6501 Connoisseurs Discharge Hose	16
Novaflex 6502 High Pressure Brewery Suction & Discharge Hose	16
Novaflex 6505 Connoisseurs Wine Hose	17
Novaflex 6506 Connoisseurs Food & Beverage Hose	17
Novaflex 6507NB NovaBrew	17

## High Temperature Hose

Novaflex 9155 Furnace Door Fiberglass	18
Novaflex 9156 Furnace Door Nomex Hose	18

## Marine Fuel Hose

Novaflex 360-09 Barrier Fuel Feed & Vent Hose	19
Novaflex 360-03 All Rubber Fuel Feed & Fill Hose	19
Novaflex 375 Fuel Fill Hose USCG Type A2	20
Novaflex 842 Multi Purpose Exhaust & Fuel Fill Hose	20

## Marine General Purpose Hose

Novaflex Series 128 Spit Conduit Tubing	21
Novaflex Series 186 Outboard Motor Cable Cover	21
Novaflex Series 400 (Black) 402 (White)	21
Novaflex 460 Non-Insulated Air Conditioning Ventilation Duct	21
Novaflex 460R4 Insulated Air Conditioning Ventilation Duct	21

## Marine Sanitation Hose

Novaflex Series 1040B Odor Block Sanitation Hose	22
Novaflex Series 140 Corrugated PVC Sanitation Hose	22
Novaflex Series 148 PVC Sanitation Hose - Heavy Duty	22

## Marine Water and Exhaust Hose

Novaflex Series 120 PVC Bilge & Water Transfer Hose	23
Novaflex Series 132 EPDM Engine Heater Hose	23
Novaflex Series 141 Corrugated PVC Scupper Hose	23
Novaflex Series 149 PVC Live Well & Bilge Hose	24
Novaflex Series 150 Potable PVC Tubing - Heavy Duty	24
Novaflex Series 162 Red PVC Braided Hose	25
Novaflex Series 164 PVC Braided Hose	25
Novaflex 200 Softwall Water/Exhaust Hose	25
Novaflex 250 Smooth-Flex Marine Hardwall Water Exhaust Hose	26
Novaflex 260 Prem. Commercial Grade HD Softwall Exhaust Hose	26
Novaflex 841 Heavy Duty Neoprene Soft Wall Exhaust Hose	27

## Material Handling Hose

Novaflex 5000 Slurry King Hose Pure Gum Hose	28
Novaflex 5000 Slurry King Hose Red Abrasion Hose	28

Novaflex Split Flange Coupling Specifications	28	Novaflex 4805 Nova BioFuel 100	41
Novaflex Slurry King Gaskets	28	<b>Petroleum Hose – Tank Truck</b>	
Novaflex 5164TG Tan Gum Tubing	29	Novaflex 3253 Tank Truck Hose	42
Novaflex 5164BG Black Gum Tubing	29	Novaflex 3260 Tank Truck/Vacuum Hose	42
Novaflex 5164BE Black Gum Tubing	29	Novaflex 3255R Corrugated Tank Truck Hose	42
Novaflex 5010 Sludge Slayer Hose	30	Novaflex 3258 Crush & Kink Resistant Petroleum Suction & Discharge Hose	43
Novaflex 5015 Material Handling Hose 1/8" gum tube	30	Novaflex 3257 Corrugated Low Temp Tank Truck	43
Novaflex 5016 Material Handling Hose 1/4" gum tube	30	Novaflex 3549 Petroleum Discharge Hose	43
Novaflex 5017 Bulk Material Transfer Hose	31	Novaflex 3477 Novalite Tank Truck Hose	44
Novaflex 5018 Bulk Material Transfer Hose	31	Novaflex 3550 Heavier Petroleum Discharge Hose	44
Novaflex 5020 Industrial Vacuum Hose	31	Novaflex 3269 Oil field Vacuum Hose	45
Novaflex 5770/5771/5772 Bulk Material Discharge Hose	32	Novaflex 3270 300 PSI WP Oil Field Vacuum Hose	45
Novaflex 5284 Elephant Trunk Hose	32	Novaflex 3275 Corrugated Oilfield Vac Hose	45
Novaflex 5785 Concrete Pumping Hose	32	<b>PVC Hose</b>	
Novaflex 5328 Plaster Hose	33	Novaflex 141 PVC Clear Food Suction & Discharge-FDA	46
Novaflex 5331 Dredge Sleeves/Sand Discharge Hose	33	Novaflex 148 PVC White Food Suction & Discharge Hose-FDA	46
Novaflex 5332 Sand Suction Hose	33	Novaflex 149 PVC Black Food Suction & Discharge Hose-FDA	46
Novaflex 5300 Premium Sandblast Hose	34	<b>PVC, Urethane &amp; Thermal Plastic</b>	
Novaflex 5760/5761/5762	34	<b>Rubber Hose</b>	
Novaflex 5900 Heavy Duty Sandblast Hose	35	Novaflex Yellow Jack Plastic Suction Hose	47
Novaflex AF Liner	35	Novaflex TPU Heavy Duty Vacuum Hose	47
Duck and Rubber Flange	36	Novaflex HDAP Heavy Duty Material Handling Hose	48
Steel Nipple	36	Novaflex Material Handling Static Conductor Hose	48
Steel Nipple (Rubber lined)	36	<b>Specialty Hose</b>	
Capped End	36	Novaflex 9500 Lo-Volt Hose	49
Beaded End	36	Novaflex 9540 Hi-Volt Hose	49
Slip Ring End	36	<b>Steam Hose</b>	
<b>Mining Hose</b>		Novaflex 5510 Black Low Pressure Conductive Steam Hose	50
Novaflex 7005 Mining Conduit Hose (Non-Reinforced)	37	Novaflex 5520 Red Low Pressure Non-Conductive Steam Hose	50
Novaflex 7008 Mining Conduit Hose	37	Novaflex 2145 Hot Water Washdown Hose	50
Novaflex 7013 Crush Resistant Rock Dust Hose	38	<b>Water Hose</b>	
Novaflex 7080 Smooth-Flex Mine Dust Collector Hose	38	Novaflex 2151 Heavy Duty Hot Water Washdown Hose	51
Novaflex 7086 Superflex Dust Collector Hose	38	Novaflex 2152 Water Suction Hose	51
Novaflex 143 PVC Conduit Hose	38	Novaflex 2226 Heavy Duty Water Discharge Hose	51
<b>Petroleum Hose</b>		Novaflex 2636 Slip Ring/Couplerless Water Hose	51
Novaflex 3254 SAE100R4 Oil Return Hose	39	Novaflex 1501 Built on Nozzle, Washdown Hose	52
Novaflex 3233 SAE 100R4 Low Temperature Hose	39	Novaflex 2140 Papermill Washdown Hose	52
Novaflex 3261 Heavy Duty Dock Hose	39	Novaflex 2150 Water Discharge Hose	52
Novaflex 3265 Corrugated Dock Hose	40	Novaflex 2019 Coolant Hose	53
Novaflex 3261 OS & D Dock Hose with Built-in Nipples	40	Novaflex 2200 Water Jetting Hose	53
Novaflex 3267 OS & D Dock Hose with Built-in Nipples	40	Novaflex 2250 High Pressure Water Jetting Hose	53
Novaflex 3265 Built-in Nipples Corrugated OS & D Hose	40	<b>Water Hose - Fire Engine Suction</b>	
Novaflex 3268 Built-in Nipples Heavy Duty OS & D Dock Hose	40	Novaflex 2160 Water Removal & Hydrant Services	54
Novaflex Built-in Nipples Floating Flange	41	Novaflex 2161 Water Removal & Hydrant Services	54
Novaflex 3859BT Hot Tar & Asphalt Hose	41	Terms and Conditions of Sale	55
Novaflex 3860 Nitrile Tube Hot Tar & Asphalt Heavy Duty Hose	41		

# Air & Compressed Gas Hose

## Novaflex 1000\*

### Textile Air Hose

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

#### Construction:

Tube: Medium oil resistant.

Reinforcement: Plies of polyester tire cord

Cover: Yellow weather and abrasion resistant rubber

Length: 100 ft

Temperature Range: -30° (-35°C) to +180°F (+82°C)

*\*Available in a non-conductive and 400psi version*



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
1000BE-01250-00	1¼	1.71	2	300	0.64
1000BE-01500-00	1½	2.05	2	300	0.94
1000BE-02000-00	2	2.56	2	300	1.27
1000BE-02000-30	2	2.68	4	300	2.43
1000BE-02500-00	2½	3.13	4	300	1.68
1000BE-03000-00	3	3.68	4	250	2.15
1000BE-04000-00	4	4.68	4	250	2.78

## Novaflex 1011

### Textile Air Hose

Designed, utilizing a multi-ply construction to supply high working pressures. Special cover compound is designed to prove excellent performance in those demanding construction applications. This hose is a mandrel built, wrapped cover construction, designed to provide excellent resistance to cuts and abrasion.

#### Construction:

Tube: Medium oil resistant

Reinforcement: Multiple braids of cord

Cover: Yellow weather and abrasion resistant EPDM blend

Length: 100 ft

Temperature Range: -30° (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
1011BE-00750-00	¾	1.19	2	300	0.37
1011BE-01000-30	1	1.50	2	300	0.55
1011BE-01500-00	1½	2.09	2	300	0.94
1011BE-02000-00	2	2.50	2	300	1.23

## Novaflex 1015

### Textile GP & Air Hose

Designed utilizing a multi-ply construction to supply high working pressures. The special cover compound is designed to provide excellent performance in those demanding construction applications. This hose is mandrel built, wrapped cover construction designed to provide excellent resistance to cuts and abrasion.

#### Construction

Tube: Medium oil resistant

Reinforcement: Multiple braids of cord

Cover: Red abrasion resistance EPDM blend

Length: 100 ft

Temperature Range: -40° (-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
1011-00500-00-1200	½	0.898	2	250	0.23
1011-00750-00-1200	¾	1.188	2	250	0.35
1011-01000-00-1200	1	1.500	4	250	0.50
1011-01500-00-1200	1½	2.094	4	250	0.90

## Novaflex 1015

### Textile Coupled Jackhammer

Hose with Universal Couplings



#### ¾" x 50 ft Crimped Couplings 2 Stainless Steel Bands

Red	1015-00750-10-600
Yellow	1015-00750-20-600

## Novaflex 1025

### Wire Braid Air Hose

Designed utilizing a multi-braid construction to supply high working pressures. A blended SBR cover designed to resist abrasion, cutting and gouging. This hose is mandrel built, wrapped cover construction, designed to provide excellent service on compressors, rock drills and in the general construction applications.

#### Construction

Tube: Heat & oil resistant nitrile

Reinforcement: Multiple braids of steel wire

Cover: Yellow abrasion resistant SBR copolymer

Temperature: -40° (-40°C) to +180°F (+82°C)



Part No	I.D.	O.D.	Braids	WP psi	WT/ LBS/FT
1025-007500-00-1200	¾	1.300	1	1000	0.65
1025-01000-00-1200	1	1.550	1	800	0.75
1025-01500-00-1200	1½	2.130	2	750	1.25
1025-02000-00-1200	2	2.670	2	600	1.9
1025-03000-00-1200	3	3.780	2	600	2.9



# Air & Compressed Gas Hose

## Novaflex 9131

### Oxygen Charging Hose

Used for industrial applications where high pressure oxygen is needed.

#### Construction:

Tube: Black Neoprene rubber

Reinforcement: Plies of polyester tire cord

Cover: Green weather and abrasion resistant neoprene rubber, pin pricked

Length: 100 ft

Temperature Range -30° (-35°) to +180°F (+82°C)

Made on stainless steel mandrels, no petroleum lubrications, ends capped.



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
9131BN-01000-00	1	1.54	2	500	0.59
9131BN-01230-00	1¼	1.79	2	500	0.71
9131BN-01500-00	1½	2.14	4	500	0.98
9131BN-02000-00	2	2.67	4	500	1.25
9131BN-03000-00	3	3.67	4	500	1.79
9131BN-04000-00	4	4.8	6	500	2.69

## 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 on an intermittent basis.

#### Construction:

Tube: Black EPDM

Reinforcement: Multiple plies of polyester tire cord with wire helix

Cover: Black heat resistant EPDM rubber

Length: 100 ft

Temperature Range: -30°F (-35°C) to +350°F (+177°C)

Not for Steam Service



Part No.	I.D.	O.D.	Plies	MBR (in)	WP psi	WT LBS/FT
1208BE-02000-00	2	2.68	2	10	150	1.46
1208BE-03000-00	3	3.68	2	10	150	1.69
1208BE-03000-01	3	3.68	4	10	150	1.80
1208BE-04000-00	4	4.68	2	14	150	2.28

## Novaflex 1971

### Hot Air Blower Hose Corrugated

A flexible lightweight hose designed for transferring hot air to tanks on dried bulk material trucks. EPDM to withstand temperatures up to 325°F (+177°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

Length: 100 ft

Temperature Range: -30°F (-35°C) to +300°F (+149°C)

Not for steam service



Part No.	I.D.	O.D.	Plies	W.P. psi	WT LBS/FT
1971BE-01500-00	1½	1.91	2	200	0.78
1971BE-02000-00	2	2.50	2	200	1.08
1971BE-02375-00	2¾	2.88	2	150	1.26
1971BE-02500-00	2½	3.00	2	150	1.32
1971BE-03000-00	3	3.58	2	125	1.74
1971BE-03500-00	3½	4.08	2	100	2.00
1971BE-04000-00	4	4.63	2	95	2.70
1971BE-04500-00	4½	5.13	2	75	3.02
1971BE-05000-00	5	5.65	2	75	3.84
1971BE-06000-00	6	6.65	2	60	4.56
1971BE-06625-00	6¾	7.32	2	60	5.28

## 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	Vacuum HG	WP psi	WT LBS/FT
4200BE-01000-00	1	1.49	2	29"	150	0.59
4200BE-01250-00	1¼	2.77	2	29"	150	0.81
4200BE-01500-00	1½	2.01	2	29"	150	1.02
4200BE-02000-00	2	2.54	2	29"	150	1.52
4200BE-02500-00	2½	3.05	2	29"	150	1.84
4200BE-03000-00	3	3.55	2	29"	150	2.45
4200BE-04000-00	4	4.65	4	29"	150	3.55

## 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 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 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	1.45	2	150	0.41
4201BE-01250-00	1¼	1.70	2	150	0.53
4201BE-01500-00	1½	1.95	2	150	0.63
4201BE-02000-00	2	2.57	4	150	1.02
4201BE-03000-00	3	3.57	4	150	1.47

## 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	1.20	2	3.5	29"	500	0.45
4600CF-01000-00	1	1.46	2	3.5	29"	450	0.57
4600CF-01500-00	1½	1.95	2	8.5	29"	350	0.8
4600CF-02000-00	2	2.57	2	10	29"	300	1.42
4600CF-03000-00	3	3.69	2	25	29"	200	3.32

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.

## 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	3/4	1.19	2	3.5	29"	250	0.58
4700CU-01000-00	1	1.47	2	4	29"	250	0.63
4700CU-01250-00	1 1/4	1.80	2	4.5	29"	250	0.80
4700CU-01500-00	1 1/2	2.08	2	5	29"	250	1.06
4700CU-02000-00	2	2.58	2	8	29"	250	1.33
4700CU-02500-00	2 1/2	3.03	2	10	29"	200	1.78
4700CU-03000-00	3	3.61	2	16	29"	200	2.12
4700CU-04000-00	4	4.61	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 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 4700 above the ratings listed by Novaflex.**

## Novaflex 4704 Corrugated UHMWP 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	1 1/2	2.13	2	4	29"	250	1.06
4704CU-02000-00	2	2.64	2	6	29"	250	1.33
4704CU-02500-00	2 1/2	3.13	2	7	29"	200	1.78
4704CU-03000-00	3	3.73	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.**

## 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 +180°F (+82°C)

May be used at +212°F intermittent. Consult chemical resistant chart. *Teflon®* is a registered trademark of DuPont



Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	Plies	WP psi	WT LBS/FT
4705-00750-00	3/4	1.26	4	29"	2	200	0.40
4705-01000-00	1	1.50	4	29"	2	200	0.49
4705-01500-00	1 1/2	2.00	5	29"	2	200	0.64
4705-02000-00	2	2.66	8	29"	2	200	1.28
4705-03000-00	3	3.67	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.**

## Novaflex 4710 UHMW Chemical Suction & Discharge Hose

A lightweight flexible chemical/  
oil resistant 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
4710-00750-00	¾	1.26	4	29"	2	300	0.40
4710-01000-00	1	1.50	4	29"	2	300	0.49
4710-01500-00	1½	2.00	5	29"	2	300	0.64
4710-03000-00	2	2.66	8	29"	2	300	1.28
4710-03000-00	3	3.67	10	29"	2	300	1.92

**\*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 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 4710 above the ratings listed by Novaflex.**

## 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 conducting  
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	WT LBS/FT
XXXXBV-01000-00	1	1.51	2	200	0.69
XXXXBV-01250-00	1¼	1.76	2	200	0.83
XXXXBV-01500-00	1½	2.05	2	200	1.06
XXXXBV-02000-00	2	2.56	2	200	1.42
XXXXBV-02500-00	2½	3.06	2	200	1.73
XXXXBV-03000-00	3	3.60	2	200	2.21
XXXXBV-04000-00	4	4.67	4	200	3.46

## Novaflex 4801 / 4879

**Viton® Acid Discharge Hose**

**Novaflex 4801 Red Smooth Nitrile Cover**

**Novaflex 4879 Black Smooth Nitrile Cover**

Used as a chemical conducting 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



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
XXXXBV-01000-00	1	1.55	2	200	0.60
XXXXBV-01250-00	1¼	1.80	2	200	0.73
XXXXBV-01500-00	1½	2.10	2	200	0.86
XXXXBV-02000-00	2	2.70	4	200	1.38
XXXXBV-02500-00	2½	3.32	4	200	1.69
XXXXBV-03000-00	3	3.79	4	200	1.99
XXXXBV-04000-00	4	4.84	4	150	3.07

## Standard Chemical Service

### Uni-Chem PG 250, PS, SG and SS

Designed for in-plant liquid transfer operations as well as tank truck delivery and rail car loading. Constructed with multiple plies of polypropylene films and polyester vapor barriers, these hoses can be operated at positive pressure or full suction.

Also available: Uni-Chem PG-200 with 200 psi W.P.

Operating Temperature:

-40°F (-40°C) to +212°F (+100°C)

### Uni-Chem PG, PS

P- Polypropylene Coated Steel Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

S- 316L Stainless Steel - Outer Helix

### Uni-Chem SG, SS

S- 316L Stainless Steel Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

S- 316L Stainless Steel - Outer Helix

### Green Cover

**\*WARNING!** Elevated temperatures can change the chemical resistance rating of hose. Check the chemical resistance charts published by Novaflex to verify that the chemical to be transferred is rated for use with the polypropylene 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 Composite Hose above the ratings listed by Novaflex.**



Part No.	I.D.	O.D.	MAX W.P. PSI	BURST PRES. PSI	MBR	WT LBS/ FT	MAX LGT
3UCCHPG-01000-00	1	1.5	250	1000	4.0"	0.58	100
3UCCHPG-01500-00	1.5	1.9	250	1000	5.0"	0.79	100
3UCCHPG-02000-00	2	2.4	250	1000	6.0"	1.18	100
3UCCHPG-03000-00	3	3.4	250	1000	7.9"	1.88	100
3UCCHPG-04000-00	4	4.4	250	1000	11.9"	2.68	100
3UCCHPG-06000-00	6	7.0	250	1000	22.0"	7.20	100
3UCCHPG-08000-00	8	9.4	250	1000	30.0"	11.0	100

Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCCHSG-01000-00	1	1.5	250	1000	4.0"	0.58	100
3UCCHSG-01500-00	1.5	1.9	250	1000	5.0"	0.79	100
3UCCHSG-02000-00	2	2.4	250	1000	6.0"	1.18	100
3UCCHSG-03000-00	3	3.4	250	1000	7.9"	1.88	100
3UCCHSG-04000-00	4	4.4	250	1000	11.9"	2.68	100
3UCCHSG-06000-00	6	7.0	250	1000	22.0"	7.20	100
3UCCHSG-08000-00	8	9.4	250	1000	30.0"	11.0	100

## Standard Petroleum Service

### Uni-Oil GG

Standard petroleum service hoses are designed for the transfer of a wide range of petroleum products.

Uni-Oil GG hoses are ideal for transfer of media from storage tanks and process piping to rail cars or tank trucks. Multiple plies of polypropylene films and fabrics are encased in a polyester vapor barrier for superior operation.

Operating Temperature:

-40°F (-40°C) to +212°F (+100°C)

### Uni-oil GG

G- High Tensile Galvanized Carbon Steel Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

### Brown Cover



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCOIGG-01000-00	1	1.5	250	1000	4.1"	0.6	100
3UCOIGG-01500-00	1.5	2	250	1000	5.1"	0.8	100
3UCOIGG-02000-00	2	2.5	250	1000	6.1"	1.60	100
3UCOIGG-03000-00	3	3.5	250	1000	8.2"	2.40	100
3UCOIGG-04000-00	4	4.5	250	1000	14.0"	3.20	100
3UCOIGG-06000-00	6	7.0	250	1000	22.0"	7.20	100
3UCOIGG-08000-00	8	9.4	250	1000	30.0"	11.0	100

## Special Petroleum Service

### Uni-Zene

Special service petroleum hose is designed to handle modern gasoline additives such as MTBE, ethanol and 100% benzene. Uni-Zene hoses are built with an effective combination of polyamide, polyester and polypropylene film and fabrics to meet the demands of today's additives. Also recommended for all JP aviation fuels.

Operating Temperature:

-40°F (-40°C) to +250°F (+121°C)

### Uni-Zene

G- High Tensile Galvanized Carbon Steel Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

### Maroon Cover



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCZEGG-01000-00	1	1.5	250	1000	4.1"	0.6	100
3UCZEGG-01500-00	1.5	2	250	1000	5.1"	0.8	100
3UCZEGG-02000-00	2	2.5	250	1000	6.1"	1.60	100
3UCZEGG-03000-00	3	3.5	250	1000	8.2"	2.40	100
3UCZEGG-04000-00	4	4.5	250	1000	14.0"	3.20	100
3UCZEGG-06000-00	6	7	250	1000	22.0"	7.20	100
3UCZEGG-08000-00	8	9.4	250	1000	30.0"	11.0	100



## Special Chemical Service Uni-FLON

Special chemical service hoses are built to meet the demands of today's highly aggressive media. Superior chemical resistance is achieved with a PTFE, inner liner, reinforced with multiple plies of polyester and polypropylene films.

Operating Temperature:

-40°F (-40°C) to +250°F (+121°C)

### Uni-Flon SG

S-316L Stainless Steel - Inner Helix

G-High Tensile Galvanized Carbon Steel Outer Helix

### Uni-Flon SS

S-316L Stainless - Inner Helix

S-316L Stainless - Outer Helix

Red Cover



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCLFSG-01000-00	1	2	250	1000	4.1"	0.6	100
3UCLFSG-01500-00	1.5	2	250	1000	5.9"	0.8	100
3UCLFSG-02000-00	2	2.5	250	1000	7.8"	1.6	100
3UCLFSG-03000-00	3	3.5	250	1000	11.1"	2.40	100
3UCLFSG-04000-00	4	4.5	250	1000	14.2"	3.20	100
3UCLFSG-06000-00	6	7.0	250	1000	22.0"	7.20	100
3UCLFSG-08000-00	8	9.4	250	1000	30.0"	11.0	100

**\*WARNING!** Elevated temperatures can change the chemical resistance rating of hose. Check the chemical resistance charts published by Novaflex to verify that the chemical to be transferred is rated for use with the polypropylene 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 Composite Hose above the ratings listed by Novaflex.**

## Bottom Loading Service Uni-BL

Ideal for transferring petroleum and 100% aromatic products in production, refinery and distribution facilities. Suitable for all hose loading arms in bottom loading operations. Constructed with multiple plies of aromatic resistant films and fabrics.

Operating Temperature:

-40°F (-40°C) to +212°F (+100°C)

Uni-BL hoses can be custom designed for special chemical applications.

All hoses can be color coded to API color codes

### Uni-BL GG

G- High Tensile Galvanized Carbon Steel Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

Brown Cover



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/FT	MAX LGT
Special	1	1.5	250	1000	4.0"	0.58	100
Special	1.5	1.9	250	1000	5.0"	0.79	100
Special	2	2.4	250	1000	6.0"	1.18	100
Special	3	3.4	250	1000	7.9"	1.88	100
Special	4	4.4	250	1000	11.8"	2.68	100
Special	6	7.0	250	1000	22.0"	7.20	100
Special	8	9.4	250	1000	30.0"	11.0	100

## Vapor Recovery Service Uni-VR

This hose is ideal for use in petroleum and petrochemical vapor recovery systems in ship to shore, bottom loading and tank truck applications. This hose is lightweight and flexible.

Manufactured to meet specification CFR33-154. Available with a yellow or orange cover.

Operating Temperature:

-40°F (-40°C) to +212°F (+100°C)

### Uni-VR\*

G- High Tensile Galvanized Carbon Steel Inner Helix

G- High Tensile Galvanized Carbon Steel Outer Helix

Yellow Cover

\*Available with a polypropylene coated and stainless steel inner helix.



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/FT	MAX LGT
3UCVRGG-01000-00	1	1.5	100	400	4.0"	0.58	100
3UCVRGG-01000-00	1.5	1.9	100	400	5.0"	0.79	100
3UCVRGG-01000-00	2	2.4	100	400	6.0"	1.18	100
3UCVRGG-03000-00	3	3.4	100	400	7.9"	1.88	100
3UCVRGG-04000-00	4	4.4	100	400	11.9"	2.68	100
3UCVRGG-06000-00	6	7.0	100	400	22.0"	7.2	100
3UCVRGG-08000-00	8	9.4	100	400	30.0"	11.0	100

### Couplings available in:

Carbon Steel NPT male, Carbon Steel ferrule and seal  
Stainless Steel NPT male, Stainless Steel ferrule and seal  
Stainless Steel NPT male, Carbon Steel ferrule and seal  
Polypropylene NPT male, Stainless Steel ferrule and seal  
Polypropylene NPT male, Carbon Steel ferrule and seal

## Uni-FLON™ HT High Temperature Composite Hose

Novaflex Uni-FLON™ is designed as an upgraded version of Novaflex's standard Uni-FLON™ except that it has a temperature rating of 350°F (177°C)

The high temperature version has the same Teflon® tube but the reinforcement elements have been upgraded to polyamides and nylons that have superior strength at elevated temperatures permitting the 250psi working pressure to be maintained.

Operating Temperature:

-40°F (-40°C) to +350°F (+177°C)



Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT	Piles
3UCFLHTSS01.09	1	1.5	250	1000	4.1	.6	100	2
3UCFLHTSS01.08	1.5	2.0	250	1000	5.9	.8	100	2
3UCFLHTSS02.00	2	2.5	250	1000	7.8	1.6	100	2
3UCFLHTSS03.00	3	3.5	250	1000	11.1	2.4	100	2
3UCFLHTSS04.00	4	4.5	250	1000	14.2	3.2	100	2

**\*WARNING!** Elevated temperatures can change the chemical resistance rating of hose. Check the chemical resistance charts published by Novaflex to verify that the chemical to be transferred is rated for use with the polypropylene 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 Composite Hose above the ratings listed by Novaflex.**

## Uni-Oil™ 250 HT High Temperature Composite Hose

Novaflex Uni-Oil™ 250 HT is a high temperature version of the standard Uni-Oil™ petroleum hose. This high temperature hose can handle maximum operating temperatures of 300°F (149°C). The hose design uses a composite of temperature resistant materials and is rated for use with a wide range of petroleum products.

Operating Temperature:

-40°F (-40°C) to +300°F (+149°C)



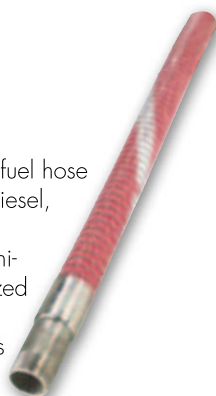
Part No.	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	MBR	WT LBS/ FT	MAX LGT
3UCHOIHT01.09	1	1.5	250	1000	4.1	.65	100
3UCHOIHT01.08	1.5	2.0	250	1000	5.1	.85	100
3UCHOIHT02.00	2	2.5	250	1000	6.1	1.7	100
3UCHOIHT03.00	3	3.5	250	1000	8.2	2.6	100
3UCHOIHT04.00	4	4.5	250	1000	2.6	3.4	100

## Uni-BioFuel 100 Biodiesel and Ethanol Service

Uni-BioFuel 100, a special 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)  
(intermittent, transfer service 250°F)



PART NO	I.D.	O.D.	MAX WP PSI	BURST PRES PSI	BEND RADIUS (INCH)	WT LBS/FT	MAX LGTH
3UCBIOFUEL-01.00	1	1.5	250	1000	4.1	0.6	100
3UCBIOFUEL-08.00	1.5	2.0	250	1000	5.1	0.8	100
3UCBIOFUEL-02.00	2	2.5	250	1000	6.1	1.6	100
3UCBIOFUEL-03.00	3	3.5	250	1000	8.2	2.4	100
3UCBIOFUEL-04.00	4	4.5	250	1000	14.0	3.2	100
3UCBIOFUEL-06.00	6	7.0	250	1000	22.0	7.2	100
3UCBIOFUEL-08.00	8	9.4	250	1000	30.0	11.0	100

(Stainless Steel inner wire available)

## Novaflex Bend Restrictor for Composite Dock Hose

A better way to move the tangent, flex point away from the end of the coupling system.  
Long lasting EPDM rubber provides added life.



## Novaflex Pump-Flex™ Composite Hose

Specifically designed for the Pump Rental Industry.  
This suction & discharge hose requires less manpower to install than rubber hose; provides extreme flexibility, light-weight handling and excellent service life.  
This hose features crimped couplings, absorbs pump pulsations  
Excellent for the transfer of water, light chemicals and many petroleum products. Easy to package for shipping and storage.

### Construction:

Temperature Range: 200°F (+93°C)

Lengths: 10ft & 20ft

(Consult the Novaflex chemical resistance chart for chemical compatibility before use).



Part No.	INS ID	OUT ID	Min Bend Radius	Burst Pres PSI	WP PSI	Hose Wt/Ft lbs	150# Flange & Coupling Wt/lbs each
3UCFPGG04.00	4	4.4	12"	800	200	2.7	19
3UCFPGG06.00	6	7.0	23"	800	200	7.5	41
3UCFPGG08.00	8	9.4	33"	800	200	11	62

*Not for use in Marine Dock, Crude Oil, Bunker Oil or heavy viscous product applications. For these applications, contact Novaflex.*

## Composite Hose Couplings

Uni-Chem couplings are available to meet the applications connection requirements. These couplings are crimped on to the Uni-Chem to insure a complete seal between the hose and the coupling.

Composite carbon and stainless steel couplings are designed to match the working pressure (WVP) of Novaflex hoses. When using polypropylene/plastic couplings the working pressure of the hose assembly is reduced to the below WVP of hose ID:

1", 1½" & 2" IDS - max 100 psi WVP

2" 2½" & 3" IDs - max 75 psi WVP



Stem & Gasket



Ferrule



Gasket

## Novaflex 6200

### Flour Suction Hose

Designed for the transfer of dry edible food products such as sugar, flour, beans etc. Use of helix wire is recommended for static dissipation. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
6200WG-02000-00	2	2.68	2	100	1.53
6200WG-03000-00	3	3.73	2	100	2.52
6200WG-04000-00	4	4.81	2	100	3.76
6200WG-05000-00	5	5.83	2	100	5.13

#### Construction:

Tube: 3/16" White FDA natural rubber.

Reinforcement: Plies of polyester tire cord with helix wire

Cover: SBR corrugated grey high grade weather and abrasion resistant synthetic rubber

Length: 100 ft.

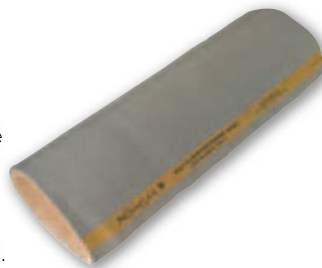
Temperature Range Up to +160°F (+71°C)

## Novaflex 6201

### Flour Discharge Hose

(3/16" tube)

Designed for the transfer of dry edible food products such as sugar, flour, beans etc. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.



Part No.	I.D.	O.D.	Tube Thickness	Plies	WP psi	WT LBS/FT
6201WG-03000-00	3	3.67	3/16	2	100	1.95
6201WG-04000-00	4	4.69	3/16	2	100	2.5
6201WG-05000-00	5	5.73	3/16	2	100	3.35

#### Construction:

Tube: White FDA natural rubber.

Reinforcement: Plies of polyester tire cord with static wire.

Cover: Grey SBR high grade weather and abrasion resistant rubber

Length: 100 ft.

Temperature Range: Up to +160°F (+71°C)

## Novaflex 6284 Potable Water Discharge Hose

Used by municipalities for temporary drinking water lines when water mains burst. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

### Construction:

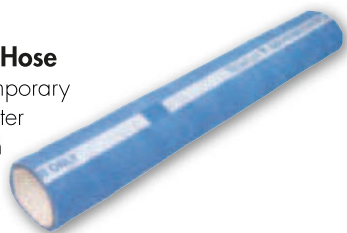
Tube: White FDA neoprene rubber. (Also available in SBR tube)

Reinforcement: Plies of polyester tire cord.

Cover: Blue weather and abrasion resistant EPDM

Length: 100 ft.

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
6284WN-00750-00	¾	1.13	2	250	0.36
6284WN-01000-00	1	1.38	2	250	0.45
6284WN-01500-00	1½	1.91	2	250	0.66
6284WN-02000-00	2	2.41	2	200	0.87
6284WN-02500-00	2½	2.96	2	175	1.19
6284WN-03000-00	3	3.46	2	145	1.40
6284WN-04000-00	4	4.47	2	125	1.96

## Novaflex 6285 Potable Water Suction Hose

Used by municipalities for temporary drinking water lines when water mains burst. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

### Construction:

Tube: White FDA neoprene rubber  
(Also available in SBR tube)

Reinforcement: Plies of polyester tire cord with helix wire

Cover: Smooth blue weather and abrasion resistant EPDM rubber

Length: 100 ft.

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
6285WN-01000-00	1	1.41	2	250	0.57
6285WN-01500-00	1½	1.98	2	250	0.93
6285WN-02000-00	2	2.50	2	200	1.31
6285WN-02500-00	2½	3.00	2	150	1.58
6285WN-03000-00	3	3.50	2	145	1.88
6285WN-04000-00	4	4.52	2	125	2.80

## Novaflex 6286 NSF NSF Potable Water Suction & Discharge Hose

200psi working pressure hose that meets NSF Standard 61 for drinking water, along with FDA requirements under 21 CFR 177.1520. This ultra smooth microbe resistant tube is built on special stainless steels mandrels for cleanliness.

### Construction:

Tube: Special FDA plastic tube

Reinforcement: Multiple plies of polyester tire cord and dual helix

Cover: Blue EPDM

Temperature Range: up to 180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	Vacuum Hg	WP psi	WT LBS/FT
6286CU-07500-00	¾	1.19	2	3.5	29"	200	0.58
6286CU-01000-00	1	1.47	2	4	29"	200	0.63
6286CU-01250-00	1¼	1.80	2	4.5	29"	200	0.80
6286CU-01500-00	1½	2.08	2	5	29"	200	1.06
6286CU-02000-00	2	2.58	2	8	29"	200	1.33
6286CU-02500-00	2½	3.03	2	10	29"	200	1.78
6286CU-03000-00	3	3.61	2	16	29"	200	2.12
6286CU-04000-00	4	4.61	2	24	29"	200	2.83



## Novaflex 6300

### Nitrile Food 150

#### Suction & Discharge Hose

Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube.

Meets FDA, USDA & 3A sanitary standards Authorized #1376. The food grade nitrile tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

#### Construction:

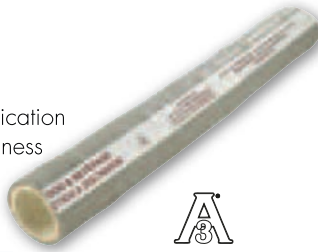
Tube: FDA white nitrile

Reinforcement: Multiple plies of polyester tire cord with helix wire

Cover: Grey PVC nitrile. Length: 100ft.

Temperature Range: -40°F (-40°C) to +210°F (+99°C)

(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	Plies	WP psi	MBR	WT LBS/FT
6300WT-00750-00	¾	1.25	2	150	4	0.4
6300WT-01000-00	1	1.50	2	150	5	0.5
6300WT-01500-00	1½	2.00	2	150	6	0.71
6300WT-02000-00	2	2.50	2	150	7	0.95
6300WT-03000-00	3	3.52	2	150	9	1.51
6300WT-04000-00	4	4.52	2	150	12	1.98

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

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6301

### Nitrile Food Discharge Hose

Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. Meets FDA, USDA & 3A sanitary standards Authorized #1376. The food grade nitrile tube is odorless and tasteless for those oily transfer applications. Excellent for discharge applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

#### Construction:

Tube: FDA white nitrile

Reinforcement: Multiple plies of polyester tire cord

Cover: Grey PVC nitrile. Length: 100ft

Temperature Range: -40°F (-40°C) to +210°F (+99°C)

(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	Plies	WP psi	MBR	WT LBS/FT
6301WT-00500-00	½	0.97	2	250	n/a	0.31
6301WT-00750-00	¾	1.21	2	250	n/a	0.41
6301WT-01000-01	1	1.59	4	250	n/a	0.64
6301WT-01500-01	1½	2.09	4	250	n/a	0.93
6301WT-02000-01	2	2.59	4	250	n/a	1.26
6301WT-03000-00	3	3.6	4	250	n/a	1.64
6301WT-03000-01	3	3.72	6	250	n/a	1.91
6301WT-04000-00	4	4.6	4	250	n/a	2.19
6301WT-04000-01	4	4.72	6	250	n/a	2.53

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

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6303 Corrugated

### Nitrile Food 150 Suction & Discharge Hose

This food transfer hose is designed to provide maximum flexibility along with an abrasive resistant cover.

Excellent for the transfer of oily product in full suction and discharge applications. Meets FDA, USDA & 3A sanitary standards Authorized #1376. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

#### Construction:

Tube: White FDA Nitrile

Reinforcement: Multiple plies of polyester tire cord with helix

Cover: Grey PVC Nitrile. Length: 100ft

Temperature Range: -40°F (-40°C) to +210°F (+99°C)

(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	Plies	WP psi	MBR	WT LBS/FT
6303WT-01500-00	1½	2.08	2	150	6	0.73
6303WT-02000-00	2	2.55	2	150	7	0.98
6303WT-03000-00	3	3.57	2	150	9	1.53
6303WT-04000-00	4	4.57	2	150	12	1.99

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

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6309 Nitrile Food 150 Crush Resistant Suction & Discharge Hose

Kink and crush resistant suction and discharge hose. Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. Meets FDA, USDA & 3A sanitary standards Authorized #1376. The food grade nitrile tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

### Construction:

Tube: NBR/White

Reinforcement: 2 ply fabric reinforced, and dual monofilament helix

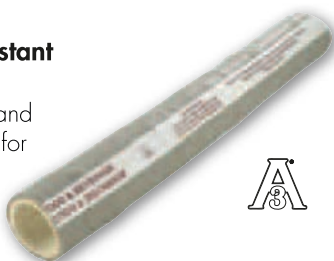
Cover: Grey NBR

Length: 100ft.

Temperature Range: -40° (-40°C) to +200°F (93°C)

Sizes 1" through 3" are rated full vacuum. 4" is rated to 20 in/hg.

Not for continuous steam service



Product No	ID"	OD"	Plies	Max WP (psi)	MBR	Wt LBS/Ft
6309-01000-00	1	1.66	2	150	5	.78
6309-01500-00	1.5	2.12	2	150	6	1.05
6309-02000-00	2	2.72	2	150	7	1.55
6309-02500-00	2.5	3.26	2	150	8	1.90
6309-03000-00	3	3.81	2	150	9	2.30
6309-04000-00	4	4.81	2	150	14	2.85

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6310 Nitrile 250 Food Crush Resistant Suction & Discharge Hose

Kink and crush resistant suction and discharge hose. Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. Meets FDA, USDA & 3A sanitary standards Authorized #1376. The food grade nitrile tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

### Construction:

Tube: NBR/White

Reinforcement: fabric reinforced, and plastic monofilament helix

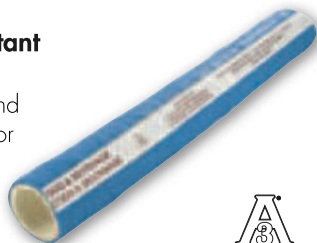
Cover: Blue NBR

Length: 100ft.

Temperature Range: -40° (-40°C) to +200°F (93°C)

Sizes 1" through 3" are rated full vacuum. 4" is rated to 20 in/hg.

Not for continuous steam service



Product No	ID"	OD"	Plies	Max WP (psi)	MBR	Wt LBS/Ft
6310-01000-04	1	1.66	2	250	5	.78
6310-01500-04	1.5	2.14	2	250	6	1.10
6310-02000-04	2	2.88	4	250	7	1.85
6310-02500-04	2.5	3.38	4	250	13	2.25
6310-03000-04	3	3.95	4	250	16	2.90
6310-04000-04	4	4.93	4	250	20	3.30

## Novaflex 6400

### EPDM Food 150 Suction & Discharge Hose

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 non-oily transfer applications. Excellent for suction and discharge applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.



#### Construction:

Tube: FDA white EPDM (non oily applications)

Reinforcement: Multiple plies of polyester tire cord with wire helix

Cover: Gray EPDM. Length: 100ft

Temperature Range: -40°F (-40°C) to +225°F (+116°C)

Not for continuous steam service

Part No.	I.D.	O.D.	Plies	WP psi	MBR	WT LBS/FT
6400WE-00750-00	¾	1.25	2	150	4	0.4
6400WE-01000-00	1	1.50	2	150	5	0.5
6400WE-01500-00	1½	2.0	2	150	6	0.71
6400WE-02000-00	2	2.50	2	150	7	0.95
6400WE-03000-00	3	3.52	2	150	12	1.51
6400WE-04000-00	4	4.52	2	150	16	1.98

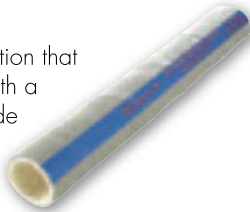
Non-stock orders - (other color hose covers white, green, red, yellow, blue, orange black, purple) are available and require a 400ft minimum order per I.D.

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File: N267)

## Novaflex 6401

### EPDM Food Discharge Hose

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 non-oily transfer applications. Excellent for discharge applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.



#### Construction:

Tube: FDA white EPDM (non oily applications)

Reinforcement: Multiple plies of polyester tire cord

Cover: Gray EPDM. Length: 100ft

Temperature Range: -40°F (-40°C) to +225°F (+116°C)

(Cleaning In Place to 248°F (+120°C) Not for use with steam

Part No.	I.D.	O.D.	Plies	WP psi	MBR	WT LBS/FT
6401WE-00500-00	½	0.97	2	250	n/a	0.31
6401WE-00750-00	¾	1.21	2	250	n/a	0.41
6401WE-01000-01	1	1.59	4	250	n/a	0.64
6401WE-01500-01	1½	2.09	4	250	n/a	0.93
6401WE-02000-01	2	2.59	4	250	n/a	1.26
6401WE-03000-00	3	3.60	4	250	n/a	1.64
6401WE-03000-01	3	3.72	6	250	n/a	1.91
6401WE-04000-00	4	4.60	4	250	n/a	2.19
6401WE-04000-01	4	4.72	6	250	n/a	2.53

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

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## 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 those all purpose transfer applications. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.



#### Construction:

Tube: FDA UHMW - odor and tasteless (non-oily applications)

Reinforcement: Multiple plies of polyester tire cord with helix wire

Cover: Gray EPDM. Length: 100ft

Temperature Range: -40°F (-40°C) to +225°F (+116°C)

(Cleaning In Place to 248°F (+120°C) Not for use with steam

Part No.	I.D.	O.D.	Max WP psi	Bend Radius	Vacuum HG	WT LBS/FT
6403CU-00750-00	¾	1.19	200	3.5	29"	0.58
6403CU-01000-00	1	1.44	200	3.5	29"	0.63
6403CU-01500-00	1½	2.02	200	5	29"	1.06
6403CU-02000-00	2	2.52	200	8	29"	1.33
6403CU-03000-00	3	3.55	200	12	29"	2.12
6403CU-04000-00	4	4.55	200	16	29"	2.83

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

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6500 Connoisseurs Food & Beverage Suction and Discharge Hose

The connoisseur line of food hose is designed to meet the food processing industries demanding applications. Connoisseur is built in a variety of hose constructions utilizing a white chlorobutyl tube for non-oily applications that will not impart taste or odor. This microbe resistant tube is built on stainless steel mandrels for cleanliness. Meets FDA, USDA, and 3-A Sanitary Standards Authorized (#1376). Resistant to CIP solutions. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

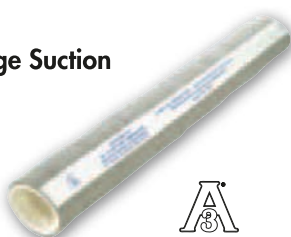
### Construction:

Tube: White chlorobutyl (full vacuum non oily applications)

Reinforcement: Multiple plies of polyester tire cord with helix wire (microbe resistant)

Cover: Gray EPDM. Length: 100 ft

Temperature Range: -40°F (-40°C) to +240°F +116°C)  
(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	Plies	Max WP psi	MBR	Vacuum Rating	WT LBS/FT
6500WB-00750-00	¾	1.25	2	150	4	Full	0.4
6500WB-01000-00	1	1.50	2	150	5	Full	0.5
6500WB-01500-00	1½	2.00	2	150	6	Full	0.71
6500WB-02000-00	2	2.50	2	150	7	Full	0.95
6500WB-02500-00	2½	3.02	2	150	8	Full	1.19
6500WB-03000-00	3	3.52	2	150	12	Full	1.51
6500WB-04000-00	4	4.52	2	150	16	Full	1.98

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6501 Connoisseurs Discharge Hose

Same high quality hose as Novaflex 6500, designed to handle non-oily applications only. The multi-ply construction provides excellent resistance to kinking. Meets the requirements of FDA, USDA & 3-A (cert# 1803)

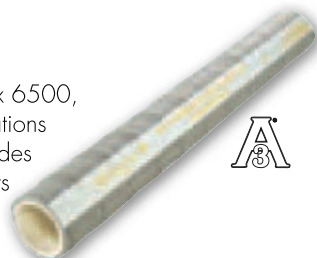
### Construction:

Tube: White chlorobutyl (microbe resistant (non oily applications)

Reinforcement: Multiple plies of polyester tire cord

Cover: Gray EPDM. Length: 100 ft

Temperature Range: -40°F (-40°C) to +240°F +116°C)  
(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	Plies	Max WP psi	MBR	WT LBS/FT
6501WB-00500-00	½	0.97	2	250	n/a	0.31
6501WB-07500-00	¾	1.21	2	250	n/a	0.41
6501WB-01000-00	1	1.47	2	250	n/a	0.52
6501WB-01000-01	1	1.59	4	250	n/a	0.64
6501WB-01500-01	1½	2.09	4	250	n/a	0.93
6501WB-02000-01	2	2.59	4	250	n/a	1.26
6501WB-03000-00	3	3.6	4	250	n/a	1.64
6401WB-03000-01	3	3.72	6	250	n/a	1.91
6401WB-04000-00	4	4.6	4	250	n/a	2.19
6401WB-04000-01	4	4.72	6	250	n/a	2.53

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6502 (new, heavier design) High Pressure, Superior Quality Brewery Discharge Hose

Novaflex 6502 special construction provides maximum flexibility for ease of handling. The special smooth chlorobutyl bacteria resistant tube designed for non-oily applications will not impart odor or taste. Meets FDA, USDA and 3-A (Cert#1803).

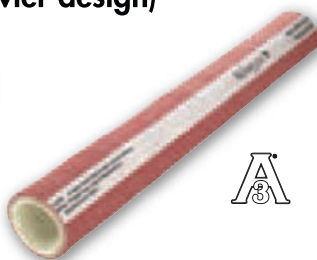
### Construction:

Tube: White chlorobutyl (non oily applications)

Reinforcement: Multiple plies of polyester tire cord

Cover: Red EPDM. Length 100 ft

Temperature Range: -40°F (-40°C) to +240°F +116°C)  
(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	Plies	Max WP psi	MBR	WT LBS/FT
6502WB-00750-00	¾	1.34	4	350	n/a	.59
6502WB-01000-00	1	1.68	4	350	n/a	.85
6502WB-01500-00	1½	2.23	4	350	n/a	1.25
6502WB-02000-00	2	2.87	6	350	n/a	1.89
6502WB-02500-00	2½	3.50	6	350	n/a	2.70
6502WB-03000-00	3	4.08	6	350	n/a	3.45
6502WB-04000-00	4	5.30	6	350	n/a	5.40

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6505

### Connoisseurs Wine Hose

Special kink and crush resistant hose, designed utilizing a multi-ply construction with dual special monofilament helix rods. 3-A certified (certificate # 1803). Meets FDA, USDA requirements. Designed to meet the demands of "cleaning in process". This ultra smooth microbe resistant tube is built for non-oily applications, on special stainless steel mandrels for cleanliness.

#### Construction:

Tube: White chlorobutyl (non oily applications)

Reinforcement: Multiple plies of tire cord and dual monofilament helix

Cover: Purple EPDM. Length: 100 ft.

Temperature Range: -40°F (-40°C) to +240°F (+116°C)

(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	Plies	WP psi	WT LBS/FT
6505-00750-00	3/4	1.26	3	Full	2	250	0.39
6505-01000-00	1	1.51	4	Full	2	250	0.48
6505-01500-00	1½	2.01	5	Full	2	250	0.68
6505-02000-00	2	2.90	7	Full	4	250	1.27
6505-02500-00	2½	3.28	13	Full	4	250	1.55
6505-03000-00	3	3.97	16	Full	4	250	1.89
6505-04000-00	4	4.78	20	20"	4	250	2.52

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6506

### Connoisseurs Food & Beverage Hose

Special kink and crush resistant suction & discharge hose, designed for those more demanding applications requiring a product that meets 3-A (cert# 1803), FDA & USDA standards. Designed to meet the temperatures and chemical resistance associated with "cleaning in place" systems. This ultra smooth microbe resistant tube is built for non-oily applications, on special stainless steel mandrels for cleanliness.

#### Construction:

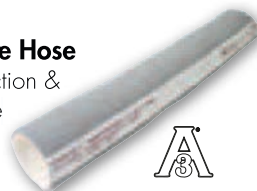
Tube: White Chlorobutyl (non oily applications)

Reinforcement: Multiple plies of polyester tire cord & dual monofilament helix

Cover: Gray EPDM abrasion resistant. Length: 100 ft

Temperature Range: -40°F (-40°C) to +240°F (+116°C)

(Cleaning In Place to 248°F (+120°C) Not for continuous steam service



Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	Plies	WP psi	WT LBS/FT
6506-00750-00	3/4	1.26	3.0	Full	2	250	0.33
6506-01000-00	1	1.51	3.5	Full	2	250	0.44
6506-01500-00	1½	2.01	4.5	Full	2	250	0.63
6506-02000-00	2	2.90	7.0	Full	4	250	1.21
6506-02500-00	2½	3.28	13.0	Full	4	250	1.52
6506-03000-00	3	3.97	16.0	Full	4	250	1.84
6506-04000-00	4	4.78	20.0	20"	4	250	2.52

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6507NB NovaBrew

NovaBrew is a state of the art designed hose based on the specific requirements of the modern day brewery. NovaBrew has a rugged but flexible construction with a super smooth white hose tube for non-oily applications, that is microbe resistant along with a dark burgundy red cover that resists dirt scuffs and is easily cleaned. NovaBrew is built on stainless steel mandrels for cleanliness and meets FDA USDA and 3-A (certificate #1376).

#### Construction:

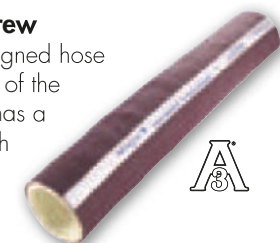
Tube: White chlorobutyl (non oily applications)

Reinforcement: Multiple plies of polyester tire cord, dual monofilament helix rods

Cover: Dark burgundy EPDM. Length: 100ft

Temperature Range: -40°F (-40°C) to +240°F (+116°C)

(Can be open end steam cleaned) CIP to 248°F (+120°C)



Part No.	I.D.	O.D.	WP psi	MBR	Vacuum Hg	WT LBS/FT
6507NB-07500-00	3/4	1.25	250	4	Full	0.33
6507NB-01000-00	1	1.50	250	4	Full	0.48
6507NB-01500-00	1½	2.00	250	5	Full	0.65
6507NB-02000-00	2	2.90	250	7	Full	1.26
6507NB-02500-00	2½	3.28	250	13	Full	1.54
6507NB-03000-00	3	3.98	250	18	Full	1.88
6507NB-04000-00	4	4.79	250	24	20"	2.50

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)



## Novaflex 9155

### Furnace Door Fiberglass Hose

Designed to withstand extreme heat (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: 1-ply of white fiberglass fabric

Length: 100 ft.

Temperature Range:

Up to +180°F (+82°C) internal  
(+1000°F external) (+538°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
9155GS-00500-00	½	1.05	2	400	0.34
9155GS-00750-00	¾	1.38	2	400	0.53
9155GS-01000-00	1	1.67	2	300	0.72
9155GS-01250-00	1¼	1.93	2	300	0.85
9155GS-01500-00	1½	2.18	2	250	0.99
9155GS-02000-00	2	2.80	4	250	1.58
9155GS-02250-00	2¼	3.05	4	250	1.75
9155GS-02375-00	2⅜	3.22	4	250	1.97
9155GS-02500-00	2½	3.35	4	250	2.06
9155GS-02750-00	2¾	3.60	4	250	2.25
9155GS-03000-00	3	3.85	4	250	2.43
9155GS-03250-00	3¼	4.10	4	250	2.61
9155GS-03500-00	3½	4.35	4	250	2.78
9155GS-04000-00	4	4.87	4	250	3.41
9155GS-04500-00	4½	5.37	4	250	3.78

Electrical resistivity: greater than 1000 gigaothms at 1000 volts DC

## Novaflex 9156

### Furnace Door Nomex Hose

Designed to withstand extreme heat from exterior in open hearth steel mill furnaces with the added abrasion resistance of nomex.

#### Construction:

Tube: Green SBR non-conductive synthetic rubber. Reinforcement: Plies of polyester tire cord.

Cover: 1-ply of yellow nomex fabric.

Length: 100 ft.

Temperature Range:

Up to +180°F (+82°C)  
(+600°F external) (+316°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
9165GS-00500-00	½	1.05	2	400	0.33
9165GS-00750-00	¾	1.44	2	400	0.58
9165GS-01000-00	1	1.68	2	300	0.70
9165GS-01250-00	1¼	1.94	2	300	0.85
9165GS-01500-00	1½	2.18	2	250	0.98
9165GS-02000-00	2	2.82	4	250	1.56
9165GS-02250-00	2¼	3.08	4	250	1.73
9165GS-02375-00	2⅜	3.24	4	250	1.96
9165GS-02500-00	2½	3.37	4	250	2.04
9165GS-03000-00	3	3.85	4	250	2.41
9165GS-03500-00	3½	4.37	4	250	2.76
9165GS-04000-00	4	4.89	4	250	3.37
9165GS-04500-00	4½	5.39	4	250	3.74

Electrical resistivity: greater than 1000 gigaothms at 1000 volts DC

## Novaflex 360-09

### Barrier Fuel Feed and Vent Hose

Designed to meet fuel hose specifications of SAE J1527 - A1-15 and ISO 7840.

Novaflex 360-09 is certified by the EPA to be compliant with the

15G/M<sup>3</sup>/Day emission standard. The barrier construction provides the lowest permeation rating available for any marine fuel hose. (Meets CARB). Handles gasoline, diesel and alcohol blended fuels, and meets all requirements of USCG, NMMA, ABYC. It is certified by IMCI for use in the European community. Can be used in a feed or vent application. The flame resistant cover is designed for enclosed engine compartment applications.

#### Construction:

Tube: Nitrile thermoplastic laminate (NTL)

Reinforcement: Multiple high tensile textile spirals

Cover: Black OZO

Length: 250 ft. Reel lengths - cut lengths add 10%

Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
36009-00250-00	1/4	0.54	2	35	0.11
36009-00313-00	5/16	0.61	2	35	0.13
36009-00375-00	3/8	0.68	2	35	0.16
36009-05000-00	1/2	0.82	2	35	0.21
36009-00625-00	5/8	1.00	2	35	0.29

#### Fuel Compatibility:

Compatible with

Ethanol Fuel Grades:

E10, E15 to E85

Compatible with

Bio-Diesel Fuel Grades:

All Grades up to B100

## Novaflex 360-03

### All Rubber Vent Hose

Designed to meet SAE J1527 A2

requirements. This hose is excellent for use in vent applications where an EPA or CARB requirement is **not** required. This hose meets USCG, NMMA, ABYC and ISO 7840. Novaflex 360-03 is an all rubber construction for ease of coupling installation. The flame resistant cover is designed for enclosed engine compartment applications.

#### Construction:

Tube: Black nitrile

Reinforcement: 2 plies of polyester

Cover: Black neoprene

Length: Standard package length, 250 ft

Temperature Range: -40°F (-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
360-00500-03-7200	1/2	.91	2	35	.34
360-00625-03-7200	5/8	1.05	2	35	.39

#### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 375 Fuel Fill Hose USCG Type A2

Designed to meet fuel hose specifications of SAE J1527 and ISO 7840. The helical wire construction provides flexibility and collapse resistance for applications requiring a tight bend radius.

This hose meets all the requirements of USCG, NMMA, ABYC and is certified by IMCI for use in the European community. A-2 hose is designed for fill applications where the fuel is not normally continuously in the hose. The flame resistant cover is designed for enclosed engine compartment applications.

### Construction:

Tube: Nitrile

Reinforcement: Fabric with helix wire

Cover: Black neoprene

Length: 50 ft

Temperature Range: -30°F (-35°C) to +180°F(+82°C)



## Novaflex 842 Multi-Purpose Exhaust & Fuel Fill Hose

Novaflex 842 is a multi-purpose marine hose designed to meet the requirements of J1527 A2 fuel fill hose requirements and also perform excellently as a marine exhaust hose in those oily applications that standard EPDM exhaust hose can not meet. Meets SAE J2006 R2, SAE 1942 for marine exhaust applications.

### Construction:

Tube: Nitrile, black petroleum and heat resistant compound

Reinforcement: Multiple plies of polyester fabric with wire helix

Cover: Black Neoprene flame resistant compound

Length: 50 ft

Temperature Range: -30°F (-35°C) to +212°F (100°C)



Part No.	I.D.	O.D.	SAE rated burst	MBR (in)	WT LBS/FT
375-00500-00	1/2	0.85	175	2 1/2	0.24
375-00625-00	5/8	0.98	175	2 1/2	0.27
375-00750-00	3/4	1.10	175	2 1/2	0.29
375-00875-00	7/8	1.23	175	3	0.34
375-01000-00	1	1.35	175	3	0.37
375-01125-00	1 1/8	1.48	90	3	0.41
375-01250-00	1 1/4	1.60	90	3	0.48
375-01312-00	1 5/16	1.66	90	3 1/2	0.52
375-01375-00	1 3/8	1.73	90	4	0.54
375-01500-00	1 1/2	1.85	90	4	0.59
375-01625-00	1 5/8	1.98	90	5	0.62
375-01750-00	1 3/4	2.10	90	5	0.67
375-01875-00	1 7/8	2.23	90	5	0.70
375-02000-00	2	2.37	90	6	0.80
375-02125-00	2 1/8	2.49	90	6	0.88
375-02250-00	2 1/4	2.62	90	6 1/2	0.90
375-02375-00	2 3/8	2.74	90	7	0.92
375-02500-00	2 1/2	2.87	90	8	1.00
375-02625-00	2 5/8	2.99	90	9	1.05
375-02750-00	2 3/4	3.12	90	10	1.10
375-02875-00	2 7/8	3.31	90	11	1.13
375-03000-00	3	3.44	90	13	1.18
375-03125-00	3 1/8	3.56	90	15	1.32
375-03250-00	3 1/4	3.69	90	15 1/2	1.36
375-03500-00	3 1/2	3.94	90	16	1.44
375-04000-00	4	4.44	90	18	1.59
375-04500-00	4 1/2	4.95	90	24	1.85
375-05000-00	5	5.45	90	32	2.04
375-06000-00	6	6.45	90	36	2.36

Part No	I.D.	Length	Burst psi	MBR (in)
842-00500-1200	1/2	50	175	2 1/2
842-00500-00-600	1/2	50	175	2 1/2
842-00625-00-600	5/8	50	175	2 1/2
842-00750-00-1200	3/4	50	175	2 1/2
842-00750-00-600	3/4	50	175	2 1/2
842-00875-00-600	7/8	50	175	3
842-01000-00-1200	1	50	175	3
842-01000-00-600	1	50	175	3
842-01125-00-1200	1 1/8	50	90	3
842-01250-00-1200	1 1/4	50	90	3
842-01250-00-600	1 1/4	50	90	3
842-01375-00-600	1 3/8	50	90	4
842-01500-00-1200	1 1/2	50	90	4
842-01500-00-600	1 1/2	50	90	4
842-01625-00-600	1 5/8	50	90	5
842-01750-00-600	1 3/4	50	90	5
842-01875-00-600	1 7/8	50	90	5
842-02000-00-1200	2	50	90	6
842-02000-00-600	2	50	90	6
842-02125-00-600	2 1/8	50	90	6
842-02250-00-600	2 1/4	50	90	7
842-02375-00-600	2 3/8	50	90	7
842-02500-00-1200	2 1/2	50	90	8
842-02500-00-600	2 1/2	50	90	8
842-0262v5-00-600	2 5/8	50	90	9
842-02750-00-600	2 3/4	50	90	10
842-03875-00-600	2 7/8	50	90	11
842-03000-00-1200	3	50	90	13
842-03000-00-600	3	50	90	13
842-03125-00-600	3 1/8	50	90	15
842-03250-00-600	3 1/4	50	90	15 1/2
842-03500-00-600	3 1/2	50	90	15 1/2
842-04000-00-600	4	50	90	16
842-04500-00-600	4 1/2	50	90	18
842-05000-00-600	5	50	90	20
842-06000-00-600	6	50	90	24

**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

# Marine General Purpose Hose

## Novaflex Series 128

### Split Conduit Tubing

Flame Retardant. Cable and wire harness

#### Construction:

Cover: Split for easy access to route wires

V2 rated UL 94A

Color: Black and white

Temperature range: +25°F (-4°C) to 150°F (+66°C)



Part No	I.D.	Length
128BL-00250-00	¼	50
128WL-00375-00	⅜	50
128BL-00375-00	⅜	50
128BL-00500-00	½	50
128BL-00625-00	⅝	50
128WL-00750-00	¾	50
128BL-00750-00	¾	50
128WL-01000-00	1	50
128BL-01000-00	1	50
128BL-01250-00	1¼	50
128WL-01500-00	1½	50
128BL-01500-00	1½	50
128BL-02000-00	2	50

## Outboard Motor Cable Cover

### Novaflex Series 186 (Black/Grey)

Cable conduit designed to conceal hose or cable of outboard motor.

Color: Black or grey



Part No	ID	Color
186GL-02000-00	Gray 2"	100
186BL-02000-00	Black 2"	100

## Novaflex Series 400 (Black) Novaflex Series 402 (White)

### Ventilation Ducting

Flame resistant PVC ducting designed for venting bilge gases. Ozone and sunlight resistant



Part No	ID	Length (ft)
400WL-03000-00	3	50
400WL-04000-00	4	50
402BL-03000-00	3	50
402BL-04000-00	4	50

## Novaflex 460 Non-Insulated Air Conditioning Ventilation Ducting

Extremely tough non-insulated flexible air duct constructed with a heavy vinyl-coated fiberglass cloth, mechanically locked together with a scuff resistant protecting galvanized steel helix. Impact resistant ULC-S1 10 and UL-181 Class 1 product. This non-insulated duct has a complete air duct rating demanded in many high pressure air distribution networks.



ID	Length (ft)
3	25
4	25
5	25
6	25

## Novaflex 460R4 Insulated Air Conditioning - Ventilation Ducting

High pressure insulated flexible duct, with a core of vinyl coated fiberglass cloth, mechanically locked together by a corrosive resistant galvanized steel helix. Liner covered with thick fiberglass insulation a flame retardant, non toxic polyethylene vapor barrier. ULC-S1 10 and UL-181 Class 1 product. Ideal insulated air-conditioning, ventilation ducting.



ID	Length (ft)
3	25
4	25
5	25
6	25

## Novaflex Series 104OB Odor Block Sanitation Hose

The best rubber sanitation hose available to prevent odor permeation associated with marine waste systems. Special copolymer tube designed to exceed industries requirements and be highly flexible and easy to connect. Suction (full vacuum) and discharge applications. Maximum working pressure: 75psi with worm gear clamps, 150psi with industrial couplings and clamps or bands.

### Construction:

Tube: Special copolymer

Reinforcement: Polyester fabric & steel helix

Cover: EPDM Sea Green

Temperature Range: -40°F (-40°C) to +200°F (+93°C)



Part No	Color	ID	MBR (in)	WT/ft
104OB-01000-OB	Sea Green	1	3	.58
104OB-01500-OB	Sea Green	1½	4.5	.97

## Novaflex Series 140 Corrugated PVC Sanitation Hose

Highly flexible PVC sanitation hose designed primarily as a discharge hose. Applications include: potable water fill, drain lines, holding tank pump-out and bilge discharge. FDA approved compound. Tube & filler is a special FDA PVC resin developed for extreme flexibility. Smooth tube with corrugated outside diameter.

*(Not designed for below waterline applications)*

### Construction:

Temperature Range: 5°F (-15°C) to +158°F (+70°C)



Part No	ID	MBR (in)	WP	WT/ft
140WL-01500-00	1½	2"	50	0.28

## Novaflex 146 PVC Cuffs for Novaflex Series 140



## Novaflex Series 148 PVC Sanitation Hose Heavy Duty

Heavy duty PVC hose designed for sanitation systems. Smooth interior and exterior provide excellent clamping surface. Helical rod design provides flexibility and collapse resistance. Produced with FDA approved materials.

### Construction:

Tube: White FDA PVC

Reinforcement: PVC Rod

Cover: White PVC

Temperature Range: 5°F (-15°C) to +158°F (+70°C)



Part No	Color	ID	MBR (in)	WT/FT
148WL-00750-00	White	¾	2	100
148WL-01000-00	White	1	2	100
148WL-01125-00	White	1⅛	2.3	100
148WL-01250-00	White	1¼	2.5	100
148WL-01500-00	White	1½	3.5	100
148WL-02000-00	White	2	3.5	100



## Novaflex Series 120 PVC Bilge & Water Transfer Hose



Uniquely designed for bilge discharge. Corrugated polyethylene tubing provides maximum flexibility for ease of installation. Molded cuff is built in every 12" for easy clamping.

### Construction:

Temperature Range: +25°F (-4°C) to 150°F (+66°C)

Part No	ID	MBR (in)	VAC Rating	WT LBS/FT
120BL-00625-00	5/8	1	20	5
120BL-00750-00	3/4	2	20	6
120BL-01125-00	1 1/8	4	20	7
120BL-01250-00	1 1/4	5	20	10
120BL-01500-00	1 1/2	6	20	13

## Novaflex Series 132 EPDM Engine Heater Hose



General purpose water hose that can be used for any application to convey water up to 190° F.

### Construction:

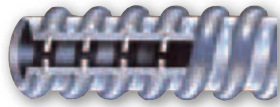
Tube: Black

Cover: Medium oil resistance

Temperature Range: -20°F (-29°C) to 190°F (+88°C)

Part No	ID	O.D.	MBR (in)	WP	WT/FT
132BE-00500-00	1/2	7/8	n/a	150	0.27
132BE-00625-00	5/8	1	n/a	150	0.31
132BE-00750-00	3/4	1 1/8	n/a	150	0.35
132BE-01000-00	1	1 3/8	n/a	150	0.42
132BE-01250-00	1 1/4	1 5/8	n/a	150	0.55

## Novaflex Series 141 Corrugated PVC Scupper Hose



Smooth ID with corrugated

OD. Gray PVC helix rod with FDA clear vinyl tube.

Applications include potable water fill lines, drain lines, scupper drain lines, Live well aerators and bilge discharge.

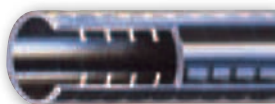
This hose is not designed for below waterline applications.

### Construction:

Temperature range: 5°F (-15°C) to +158°F (+70°C)

Part No	ID	MBR (in)	VAC Rating	WT LBS/FT
141CL-00750-00	3/4	1 1/2	20	8
141CL-00100-00	1	3/4	20	10
141CL-01125-00	1 1/8	1	20	19
141CL-01250-00	1 1/4	1 1/2	20	24
141CL-01500-00	1 1/2	1 5/8	28	34
141CL-02000-00	2	1 3/4	28	34
141CL-03000-00	3	2	28	37

## Novaflex Series 149 PVC Live Well & Bilge Hose



Smooth ID & OD. Black PVC helix rod with black PVC tube. Applications Include fill lines, drain lines, scupper drain lines, Live well and bilge pump lines. Excellent flexibility!

### Construction:

Tube: Black PVC

Reinforcement: PVC helix rod

Length: 100 ft

Temperature Range: -20°F (-29°C) to +120°F (+49°C)

Part No	ID	O.D.	MBR (in)	VAC Rating	WT LBS/FT
149BL-00750-00	¾	31/32	3	28	20
149BL-01000-00	1	1¼	3	28	27
149BL-01125-00	1⅞	111/32	3	28	28
149BL-01250-00	1¼	1½	3½	28	33
149BL-01500-00	1½	1⅞	4	28	40
149BL-01875-00	1⅞	2¼	5½	28	52

## Novaflex Series 150 Potable Water PVC Tubing Heavy Duty



Clear vinyl FDA PVC tubing for use in sink drains, potable water lines, ice boxes and refrigerators.

*(Available in a heavy duty version - Series 150 HD)*

Odorless and tasteless.

Not recommended for hot water or below water line.

### Construction:

Tube: Seamless clear PVC tube made with FDA ingredients that are NSF 51 certified to 180F (82C)\*, USP Class VI Rated Materials

RoHS Compliant, US Government A-A-52047 Type VI

Compliant EU:

Meets requirements and amendments of Resolution AP(89) for food contact.

Temperature Range: +25° (-4°C) to 150°F (+66°C)

Part No	ID	Wall Thickness	MBR (in)	WT LBS/FT
150CL-00500-00	½	7/8	60	4
150CL-00625-00	5/8	1	50	4
150CL-00750-00	¾	1⅞	55	6
150CL-00875-00	7/8	1¼	45	12
150CL-01000-00	1	1⅞	45	15
150CL-01125-00	1⅞	1½	40	19
150CL-01250-00	1¼	1⅞	35	27
150CL-01937-00	15/16	111/16	20	32
150CL-01375-00	1⅞	1¼	20	36

# Marine Water & Exhaust Hose

## Novaflex 162

### Red PVC Braided Hose with red trace yarn

Heavy duty clear PVC tube and cover with polyester reinforcement. Excellent for potable water and food transfer.

FDA-NSF 51 Certified to 100°F (+38°C)

#### Construction:

Tube: PVC clear

Reinforcement: Polyester

Cover: PVC Clear

Length: see coil length

Temperature Range: -20°F (-29°C) to +150°F (+66°C)

(WP pressures drop above 68°F (+20°C))



Part No.	I.D.	O.D.	Max WP @ 68°F	Length Coils	WT LBS/FT
162-00375-00	3/8	0.565	150	250	0.076
162-00500-00	1/2	0.70	150	250	0.103
162-00625-00	5/8	0.825	100	250	0.124
162-00750-00	3/4	0.95	100	250	0.145
162-01000-00	1	1.23	75	250	0.216
162-01250-00	1 1/4	1.55	70	100	0.298
162-01500-00	1 1/2	1.80	65	100	0.36

## Novaflex 164

### PVC Braided Hose with blue trace yarn

Heavy duty white PVC tube with polyester reinforcement. Excellent for potable water and food transfer where a clear hose is not desirable. FDA-NSF 51 certified.

#### Construction:

Tube: White PVC

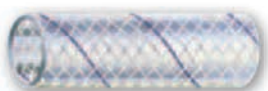
Reinforcement: Polyester

Cover: Clear PVC

Length: See coil length

Temperature Range: -20°F (-29°C) to +150°F (+66°C)

(WP pressures drop above 68°F (+20°C))



Part No.	I.D.	O.D.	Max WP @ 68°F	Length Coils	WT LBS/FT
164-00375-00	3/8	0.565	150	250	0.076
164-00500-00	1/2	0.70	150	250	0.103
164-00750-00	3/4	0.95	100	250	0.145

## Novaflex 200

### Softwall Water/Exhaust Hose

Designed for a wide range of water transfer and discharge applications as well as the tough demands of wet exhaust. The softwall (non-wire) construction is designed for straight routings.

An excellent choice for bilge, toilet, scupper and water discharge applications that are straight. Meets SAE J2006R1 for marine exhaust hose.

#### Construction:

Tube: EPDM, Black

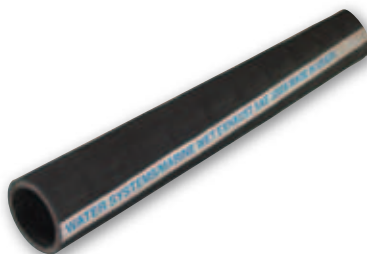
Reinforcement: Polyester fabric

Cover: EPDM, Black

Length: 50 ft

Temperature Range: -40°F (-21°C) to +250°F (+121°C)

Not for steam service



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
200-01500-00	1 1/2	1.94	2	250	0.50
200-01625-00	1 5/8	2.06	2	250	0.54
200-01750-00	1 3/4	2.19	2	250	0.58
200-01875-00	1 7/8	2.31	2	250	0.63
200-02000-00	2	2.44	2	200	0.67
200-02125-00	2 1/8	2.69	2	200	0.91
200-02250-00	2 1/4	2.81	2	200	0.97
200-02375-00	2 3/8	2.94	2	200	1.02
200-02500-00	2 1/2	3.06	2	150	1.07
200-02625-00	2 5/8	3.19	2	150	1.13
200-021875-00	2 7/8	3.44	2	150	1.23
200-03000-00	3	3.56	2	125	1.29
200-03125-00	3 1/8	3.69	2	125	1.34
200-03500-00	3 1/2	4.06	2	125	1.50
200-04000-00	4	4.56	2	100	1.72
200-04125-00	4 1/8	4.69	2	100	1.77
200-04500-00	4 1/2	5.13	2	100	2.15
200-05000-00	5	5.63	2	100	2.38
200-05500-00	5 1/2	6.13	2	100	2.62
200-06000-00	6	6.63	2	85	2.86
200-06625-00	6 5/8	7.41	2	75	3.95
200-08000-00	8	8.78	2	75	4.76

## Novaflex 250 Smooth-Flex Marine Hardwall Water Exhaust Hose

Designed for a wide range of demanding engine applications from water intake and engine coolant to marine wet exhaust. Its wire helix construction provides excellent flexibility and bend radius. Also an excellent choice for bilge discharge, toilet and holding tank connections, water discharge and scupper lines. Meets SAE J2006R2 for marine exhaust hose applications.

### Construction:

Tube: Black EPDM

Reinforcement: Polyester fabric with helix

Cover: Black EPDM

Length: 50 ft.

Ends: Plain

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

Not for steam service

## Novaflex 252

Corrugated version of Novaflex 250 is available



## Novaflex 260 Heavy Duty EPDM Premium Commercial Grade Heavy Duty Softwall Exhaust Hose

This heavy duty four ply construction is designed for the toughest wet exhaust applications.

The construction provides maximum resistance to panting, vibration and wall collapse. Exceeds SAEJ2006 R1 for marine exhaust hose applications.

### Construction:

Tube: Black EPDM

Reinforcement: Polyester tire cord

Cover: Smooth black EPDM

Length: 50 ft.

Ends: Plain

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

Not for steam service



Part No.	I.D.	O.D.	WP psi	MBR (in)	WT LBS/FT
250-00500-00	1/2	0.78	300	2 1/2	0.24
250-00625-00	5/8	0.91	300	2 1/2	0.27
250-00750-00	3/4	1.06	300	2 1/2	0.29
250-00875-00	7/8	1.16	300	3	0.34
250-01000-00	1	1.28	300	3	0.37
250-01125-00	1 1/8	1.41	300	3	0.41
250-01225-00	1 1/4	1.53	300	3	0.48
250-01312-00	1 5/16	1.63	250	3 1/2	0.52
250-01375-00	1 3/8	1.69	250	4	0.54
250-01500-00	1 1/2	1.81	250	4	0.59
250-01625-00	1 5/8	1.94	200	5	0.62
250-01750-00	1 3/4	2.06	200	5	0.67
250-01875-00	1 7/8	2.19	200	5	0.70
250-02000-00	2	2.31	200	6	0.80
250-02125-00	2 1/8	2.44	200	6	0.88
250-02225-00	2 1/4	2.56	200	6 1/2	0.90
250-02375-00	2 3/8	2.69	200	7	0.92
250-02500-00	2 1/2	2.81	200	8	1.00
250-02625-00	2 5/8	2.94	150	9	1.05
250-02750-00	2 3/4	3.06	150	10	1.10
250-02875-00	2 7/8	3.19	150	11	1.13
250-03000-00	3	3.31	150	13	1.18
250-03125-00	3 1/8	3.44	150	15	1.32
250-03225-00	3 1/4	3.63	150	15 1/2	1.36
250-03500-00	3 1/2	3.81	125	16	1.44
250-04000-00	4	4.31	100	18	1.59
250-04500-00	4 1/2	4.81	100	24	1.85
250-05000-00	5	5.31	100	32	2.04
250-06000-00	6	6.31	75	36	2.36

Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
260-01000-00	1	1.41	4	250	0.56
260-01125-00	1 1/8	1.54	4	250	0.63
260-01250-00	1 1/4	1.66	4	225	0.69
260-01375-00	1 3/8	1.78	4	220	0.75
260-01500-00	1 1/2	1.96	4	200	0.89
260-1625-00	1 5/8	2.08	4	185	0.96
260-01750-00	1 3/4	2.26	4	175	1.11
260-01875-00	1 7/8	2.38	4	160	1.19
260-02000-00	2	2.50	4	150	1.25
260-02125-00	2 1/8	2.63	4	150	1.31
260-02250-00	2 1/4	2.76	4	140	1.38
260-02375-00	2 3/8	2.80	4	250	1.33
260-02500-00	2 1/2	3.07	4	250	1.80
260-02625-00	2 5/8	3.13	4	225	1.75
260-02750-00	2 3/4	3.31	4	220	1.98
260-02875-00	2 7/8	3.43	4	220	2.05
260-03000-00	3	3.54	4	210	2.07
260-03125-00	3 1/8	3.66	4	200	2.16
260-03250-00	3 1/4	3.80	4	190	2.29
260-03500-00	3 1/2	4.05	4	180	2.44
260-04000-00	4	4.60	4	150	3.11
260-04500-00	4 1/2	5.18	4	140	3.85
260-05000-00	5	5.69	4	130	4.31
260-05500-00	5 1/2	6.21	4	120	4.81
260-06000-00	6	6.74	4	110	5.48
260-06625-00	6 5/8	7.37	4	100	6.02

## Novaflex 841 Heavy Duty Oil Resistant Soft Wall Exhaust Hose

This heavy duty marine softwall exhaust hose is an industry standard for use in oily applications. (Designed for straight applications). Meets SAE J2006.

### Construction:

Tube: Nitrile  
Reinforcement: Polyester tire cord  
Cover: Black oil resistant  
Length: 50 ft or 100 ft.  
Temperature Range: -40°F (-40°C) to +210°F (+99°C)  
Not for steam service



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
841-00875-00	7/8	1.28	2	250	0.51
841-01000-00	1	1.41	2	250	0.56
841-01125-00	1 1/8	1.54	2	250	0.63
841-01250-00	1 1/4	1.66	2	225	0.69
841-01375-00	1 3/8	1.78	2	220	0.75
841-01500-00	1 1/2	1.96	2	200	0.89
841-01625-00	1 5/8	2.08	2	185	0.96
841-01750-00	1 3/4	2.26	2	175	1.11
841-01875-00	1 7/8	2.38	2	160	1.19
841-02000-00	2	2.50	2	150	1.25
841-02125-00	2 1/8	2.63	2	150	1.31
841-02250-00	2 1/4	2.76	2	140	1.38
841-02375-00	2 3/8	2.80	4	250	1.33
841-02500-00	2 1/2	3.07	4	250	1.80
841-02625-00	2 5/8	3.13	4	225	1.75
841-02750-00	2 3/4	3.31	4	220	1.98
841-02875-00	2 7/8	3.43	4	220	2.05
841-03000-00	3	3.54	4	210	2.07
841-03125-00	3 1/8	3.66	4	200	2.16
841-03250-00	3 1/4	3.80	4	190	2.29
841-03500-00	3 1/2	4.05	4	180	2.44
841-04000-00	4	4.60	4	150	3.11
841-04500-00	4 1/2	5.18	4	140	3.85
841-05000-00	5	5.69	4	130	4.31
841-05500-00	5 1/2	6.21	4	120	4.81
841-06000-00	6	6.74	4	110	5.48
841-06625-00	6 5/8	7.37	4	100	6.02
841-08652-00	8 5/8	9.38	4	100	7.05
841-BN-10750-00	10 3/4	11.50	4	100	7.90
841-BN-12750-00	12 3/4	13.50	4	100	9.18



## Novaflex 5000 Slurry King Hose Pure Gum Liner

Tough, versatile alternative to inflexible, cumbersome steel tubing. The easy handling and reusable quick-fastening flange system make installation a snap. Absorbs system vibration and saves wear on equipment. Compensates for thermal expansion and contraction, reduces noise. Flexible connection for hard piping misalignment. Can be cut on site for immediate installation. No welding necessary. Available with many inner tube compounds to meet specific material handling needs.

### Construction:

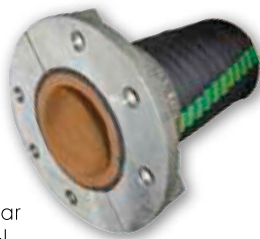
Tube: Abrasion, red abrasion, black natural or pure gum

Reinforcement: Fabric and helix wire

Cover: Ozone and ultra violet resistant

Temperature Range: -40°F (-40°C) to +160°F (+71°C)  
(depending on compound)

Length: 60 ft. Available in a variety of tube gauges ranging from: 1/8", 3/16", 1/4", 5/16", 3/8", 1/2"



Part No.	I.D.	O.D.	LINING THICKNESS (in)	MBR (in)	MAX PROD LENGTH (ft)	WP psi	WT LBS/FT
5000PG-02000-00	2	3.00	3/16	12	100	150	2.0
5000PG-03000-00	3	4.50	3/8	14	100	150	4.0
5000PG-04000-00	4	5.25	3/8	20	100	150	5.4
5000PG-05000-00	5	6.45	3/8	26	60	150	8.0
5000PG-06000-00	6	7.50	3/8	30	60	150	9.4
5000PG-08000-00	8	9.50	3/8	69	40	150	12.1
5000PG-10000-00	10	11.50	3/8	79	40	150	14.8
5000PG-12000-00	12	13.75	3/8	99	40	150	18.8
5000PG-14000-00	14	16.00	3/8	119	40	150	26.0

### Flanges Available

## Novaflex 5000\* Slurry King Hose Yellow Abrasion Liner

Available with a variety of tube compounds including, black abrasion, red abrasion, black natural and pure gum for abrasion, oil, heat and corrosion resistance depending on applications.



Part No.	I.D.	O.D.	LINING THICKNESS (in)	MBR (in)	MAX PROD LENGTH (ft)	WP psi	WT LBS/FT
5000XX-02000-00	2	3.00	3/16	12	100	150	2.0
5000XX-03000-00	3	4.50	3/8	14	100	150	4.0
5000XX-04000-00	4	5.25	3/8	20	100	150	5.4
5000XX-05000-00	5	6.45	3/8	26	60	150	8.0
5000XX-06000-00	6	7.50	3/8	30	60	150	9.4
5000XX-08000-00	8	9.50	3/8	69	40	150	12.1
5000XX-10000-00	10	11.50	3/8	79	40	150	14.8
5000XX-12000-00	12	13.75	3/8	99	40	150	18.8
5000XX-14000-00	14	16.00	3/8	119	40	150	26.0

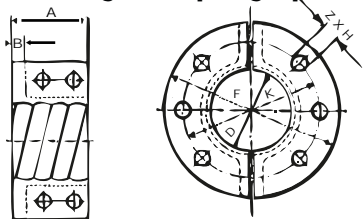
### Flanges Available

XX= tube compound

**Novaflex 5000RG** - Red Gum for added abrasion resistance

**Novaflex 5000YG** - Yellow Novaware tube  
**superior abrasion resistance**

## Split Flange Coupling Specifications



## Novaflex Slurry King Gaskets



Part No.	ID
7SKFGASK02	2
7SKFGASK03	3
7SKFGASK04	4
7SKFGASK05	5
7SKFGASK06	6
7SKFGASK08	8
7SKFGASK10	10
7SKFGASK12	12
7SKFGASK14	14

'D' I.D. Inches	'A' Inches	'B' Inches	'K' Inches	'P' Inches	'Z' Inches	'H' Inches	Approx/ WT/LBS
2	3 11/32	5/8	4 3/4	6	4	3/4	3.30
2 1/2	3 5/16	5/8	5 1/2	7	4	3/4	4.40
3	3 5/16	5/8	6	7 1/2	4	3/4	4.40
4	3 5/16	5/8	7 1/2	9	8	3/4	6.60
4 1/2	4 1/8	5/8	8 1/2	10	8	7/8	7.70
5	4 1/8	5/8	8 1/2	10	8	7/8	7.70
6	4 1/2	1 1/16	9 1/2	11	8	7/8	8.80
8	5 7/8	3/4	11 3/4	13 1/2	8	7/8	13.20
10	6 7/8	1 1/8	14 1/4	16	12	1	25.40
12	7 11/16	1 1/8	17	19	12	1	30.90
14	7 11/16	1 1/8	18 3/4	21	12	1 1/8	35.30

## Novaflex 5164TG

### 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

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

Durometer: 42 durometer

Available in EPDM, SBR, Nitrile and Neoprene

A large variety of diameters available ranging from 1¼" to 24" upon request.



I.D.	3/16"	1/4"	3/8"	1/2"
	19	25	38	50
1¼	5164TG-01250-19	5164TG-01250-25	5164TG-012250-38	5164TG-01250-50
1½	5164TG-01500-19	5164TG-01500-25	5164TG-01500-38	5164TG-01500-50
2	5164TG-02000-19	5164TG-02000-25	5164TG-02000-38	5164TG-02000-50
3	5164TG-03000-19	5164TG-03000-25	5164TG-03000-38	5164TG-03000-50
4	5164TG-04000-19	5164TG-04000-25	5164TG-04000-38	5164TG-04000-50
6	5164TG-06000-19	5164TG-06000-25	5164TG-06000-38	5164TG-06000-50
8	5164TG-08000-19	5164TG-08000-25	5164TG-08000-38	5164TG-08000-50
10	5164TG-10000-19	5164TG-10000-25	5164TG-10000-38	5164TG-10000-50
12	5164TG-12000-19	5164TG-12000-25	5164TG-12000-38	5164TG-12000-50
18*	5164TG-18000-19-306	5164TG-18000-25-306	5164TG-18000-38-306	5164TG-18000-50-306
20*	5164TG-20000-19-300	5164TG-20000-25-300	5164TG-20000-38-300	5164TG-20000-50-300
24*	5164TG-24000-19-300	5164TG-24000-25-300	5164TG-24000-38-300	5164TG-24000-50-300

\*25ft. lengths, all other I.D's - 50ft lengths standard.

Cut lengths add 10% (5ft increments)

## Novaflex 5164BG

### Black Gum Tubing

Wrapped finish, mandrel made tan gum tubing designed for a variety of industrial, construction and chemical applications. Black gum rubber made for those applications where a black color is preferred.

#### Construction:

Tube: Black gum

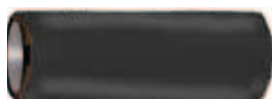
Length: 50 ft

Temperature Range: Max temperature +160°F (+71°C)

Durometer: 50 durometer

Available in EPDM, SBR, Nitrile and Neoprene.

A large variety of diameters available ranging from 1¼" to 24" upon request.



ID	3/16"	1/4"	3/8"	1/2"
	19	25	38	50
1¼	5164BG-01250-19	5164BG-01250-25	5164BG-01250-38	5164BG-01250-50
1½	5164BG-01500-19	5164BG-01500-25	5164BG-01500-38	5164BG-01500-50
2	5164BG-02000-19	5164BG-02000-25	5164BG-02000-38	5164BG-02000-50
3	5164BG-03000-19	5164BG-03000-25	5164BG-03000-38	5164BG-03000-50
4	5164BG-04000-19	5164BG-04000-25	5164BG-04000-38	5164BG-04000-50
6	5164BG-06000-19	5164BG-06000-25	5164BG-06000-38	5164BG-06000-50
8	5164BG-08000-19	5164BG-08000-25	5164BG-08000-38	5164BG-08000-50
10	5164BG-10000-19	5164BG-10000-25	5164BG-10000-38	5164BG-10000-50
12	5164BG-12000-19	5164BG-12000-25	5164BG-12000-38	5164BG-12000-50
18*	5164BG-18000-19	5164BG-18000-25	5164BG-18000-38	5164BG-18000-50
20*	5164BG-20000-19	5164BG-20000-25	5164BG-20000-38	5164BG-20000-50
24*	5164BG-24000-19	5164BG-24000-25	5164BG-24000-38	5164BG-24000-50

\*25ft. lengths, all other I.D's - 50ft lengths standard.

Cut lengths add 10% (5ft increments)

## Novaflex 5164BE

### Black EPDM Gum Tubing

Wrapped finish, mandrel made tan gum tubing designed for a variety of industrial, construction and chemical applications. Black EPDM rubber, made for those applications where heat, chemical resistance and the properties of EPDM are preferable over gum rubber.

#### Construction:

Tube: Black gum

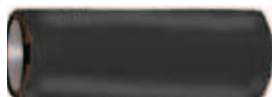
Length: 50 ft

Temperature Range: Max temperature +300°F (+149°C)

Durometer: 60 durometer

Available in EPDM, SBR, Nitrile and Neoprene.

A large variety of diameters available ranging from 1¼" to 24" upon request.



ID	3/16"	1/4"	3/8"	1/2"
	19	25	38	50
1¼	5164BE-01250-19	5164BE-01250-25	5164BE-01250-38	5164BE-01250-50
1½	5164BE-01500-19	5164BE-01500-25	5164BE-01500-38	5164BE-01500-50
2	5164BE-02000-19	5164BE-02000-25	5164BE-02000-38	5164BE-02000-50
3	5164BE-03000-19	5164BE-03000-25	5164BE-03000-38	5164BE-03000-50
4	5164BE-04000-19	5164BE-04000-25	5164BE-04000-38	5164BE-04000-50
6	5164BE-06000-19	5164BE-06000-25	5164BE-06000-38	5164BE-06000-50
8	5164BE-08000-19	5164BE-08000-25	5164BE-08000-38	5164BE-08000-50
10	5164BE-10000-19	5164BE-10000-25	5164BE-10000-38	5164BE-10000-50
12	5164BE-12000-19	5164BE-12000-25	5164BE-12000-38	5164BE-12000-50
18*	5164BE-18000-19	5164BE-18000-25	5164BE-18000-38	5164BE-18000-50
20*	5164BE-20000-19	5164BE-20000-25	5164BE-20000-38	5164BE-20000-50
14*	5164BE-24000-19	5164BE-24000-25	5164BE-24000-38	5164BE-24000-50

\*25ft. lengths, all other I.D's - 50ft lengths standard.

Cut lengths add 10% (5ft increments)

## Novaflex 5010 Sludge Slayer $\frac{5}{16}$ " Gum Tube

Heavy duty material handling hose designed for portable and central industrial vacuum equipment as well as truck mount applications. The  $\frac{5}{16}$ " 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 make static conductive.)



### Construction:

Tube:  $\frac{5}{16}$ " Tan gum  
Reinforcement: Plies of fabric with helix wire  
Cover: Green Corrugated Length: 50 ft.  
Temperature Range: -40°F (-40°) to +160°F (+71°C)

Part No	ID	OD	MBR (in)	VAC (Hg)	WT LBS/FT
5010WG-02500-56	2½	3.61	15	29	3.29
5010WG-03000-56	3	3.11	18	29	3.85
5010WG-04000-56	4	5.12	24	29	5.12
5010WG-06000-56	6	6.95	36	29	6.05
5010WG-08000-56	8	9.05	48	29	8.45

**Novaflex 5010YG** = Yellow Novaware tube -  
superior abrasion resistance

## Novaflex 5015 Material Handling Hose $\frac{1}{8}$ " Gum Tube

Lightweight material handling hose designed for portable and central industrial vacuum equipment. The  $\frac{1}{8}$ " 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:  $\frac{1}{8}$ " Tan gum  
Reinforcement: Plies of fabric with helix wire  
Cover: SBR Black Corrugated  
Length: 50 ft. Ends: Plain or soft cuffs  
Temperature Range: -40°F (-40°) to +160°F (+71°C)

Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	WT LBS/FT
5015-02500-00	2½	3.13	5"	29"	1.1
5015-03000-00	3	3.63	8"	29"	1.4
5015-04000-00	4	4.63	11"	29"	2.0
5015-06000-00	6	6.63	18"	29"	3.0
5015-08000-00	8	8.63	24"	17"	5.3
5015-10000-00	10	10.63	30"	9"	7.0
5015-12000-00	12	12.63	36"	9"	9.0

## Novaflex 5016 (Vacuum Only) Material Handling Hose $\frac{1}{4}$ " Gum Tube

Heavy duty material handling hose designed for portable and central industrial vacuum equipment as well as truck mount applications. The  $\frac{1}{4}$ " 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 make static conductive.)



### Construction:

Tube:  $\frac{1}{4}$ " Tan gum  
Reinforcement: Plies of fabric with helix wire  
Cover: SBR Black Corrugated  
Length: 50 ft. Ends: Plain or soft cuffs  
Temperature Range: -40°F (-40°) to +160°F (+71°C)

Part No.	I.D.	O.D.	MBR (in)	VAC (Hg)	WT LBS/FT
5016-02500-00	2½	3.38	5	29"	2.0
5016-03000-00	3	3.88	8	29"	2.2
5016-04000-00	4	4.88	11	29"	3.0
5016-06000-00	6	6.88	18	29"	4.1
5016-08000-00	8	8.88	24	17"	7.2
5016-10000-00	10	10.88	30	9"	9.0
5016-12000-00	12	12.88	36	9"	11.4

**Novaflex 5016YG** = Yellow Novaware tube -  
superior abrasion resistance

## Novaflex 5017 Bulk Material Transfer Hose

Novaflex 5017TG is the 150 psi working pressure rated version of Novaflex 5016TG. This ¼" Tan Gum rubber tube is produced with a high abrasion resistance tube that is designed for the transfer of bulk materials. Novaflex 5017TG hose is corrugated to provide maximum flexibility.

### Construction:

Tube: ¼" Tan gum natural rubber  
Reinforcement: Plies of tire cord and helix wire  
Cover: Black SBR corrugated  
Length: 50 ft. Ends: plain or soft cuffs  
Temperature Range: -40°F (-40°) to +160°F (+71°C)



Part No.	I.D.	O.D.	Plies	WP psi	MBR (in)	VAC" (Hg)	WT LBS/FT
5017TG-02500-00	2½	3.48	2	150	6	29	2.6
5017TG-03000-00	3	3.98	2	150	10	29	3.1
5017TG-04000-00	4	5.0	2	150	16	29	4.1
5017TG-05000-00	5	6.13	4	150	20	29	5.6
5017TG-06000-00	6	7.13	4	150	24	29	6.6
5017TG-08000-00	8	9.27	4	150	32	17	9.95

**Novaflex 5017YG** = Yellow Novaware tube -  
**superior abrasion resistance**

## Novaflex 5018 Bulk Material Transfer Hose

Novaflex 5018 is the 150 psi working pressure rated version of Novaflex 5017. This is a hose with a higher temperature rating, designed for transferring bulk materials at maximum temperatures of 200°F Novaflex 5018 bulk material transfer hose is corrugated to provide maximum flexibility and is designed with a ¼" thick tube for abrasion resistance.

### Construction:

Tube: High temperature co-polymer  
Reinforcement: Plies of tire cord and helix wire  
Cover: Black high temperature co-polymer  
Length: 50 ft. Ends: Plain or soft cuffs  
Temperature Range: -40°F (-40°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	WP psi	MBR (in)	VAC (Hg)	WT LBS/FT
5018BE-02500-00	2½	2.92	2	150	6	29	2.6
5018BE-03000-00	3	3.98	2	150	10	29	3.1
5018BE-04000-00	4	5.0	2	150	16	29	4.1
5018BE-05000-00	5	6.13	4	150	20	29	5.6
5018BE-06000-00	6	7.13	4	150	24	29	6.6
5018BE-08000-00	8	9.27	4	150	32	17	9.95

## 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.  
Ends: Plain. (Also available with cuffs.)  
Temperature Range: -40°F (-40°) to +160°F (+71°C)  
(Depending on compound)



Part No.	I.D.	O.D.	Plies	MBR (in)	WT LBS/FT
5020-01000-00	1	1.38	1	3	0.4
5020-01250-00	1¼	1.63	1	4	0.4
5020-01500-00	1½	1.88	1	5	0.5
5020-02000-00	2	2.38	1	8	0.7
5020-02500-00	2½	2.88	1	8	0.8
5020-03000-00	3	3.38	1	9	0.9
5020-04000-00	4	4.38	1	12	1.9

**Novaflex 5020YG** = Yellow Novaware tube -  
**superior abrasion resistance**

## Novaflex 5770/5771/5772

### 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 natural rubber blend

Reinforcement: Multiple plies of tire cord

Cover: Black synthetic rubber

Length: 100 ft.

Temperature Range: -10°F (-23°C) to +180°F (+82°C)



Part No.	I.D.	Type	Tube Gauge	O.D.	Plies	WP psi	WT LBS/FT
5770-04000-00	4	5770	1/8	4.45	2	100	1.57
5771-04000-00	4	5771	3/16	4.58	2	75	1.94
5772-04000-00	4	5772	1/4	4.70	2	75	2.44
5772-05000-00	5	5772	1/4	5.74	2	75	3.41
5772-06000-00	6	5772	1/4	6.74	2	75	4.04

Novaflex 5776 1/4" tube; suction/hardwall version available

Part No.	Type	Tube Gauge	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5776-04000-00	5776	1/4	4	6.95	2	75	4.25

## Novaflex 5284

### Elephant Trunk Hose

Designed for open end discharge and gravity flow of dry bulk materials and abrasives.

#### Construction:

Tube: 3/8" Black static dissipating natural rubber.

Reinforcement: 2 plies fabric

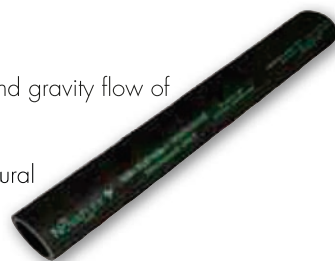
Cover: Black SBR Black

Length: 50 ft standard.

(Cut lengths available upon request)

Ends: Plain

Temperature Range: -20°F (-29°C) to +160°F (+171°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5284TG-04000-00	4	4.54	2	100	1.89
5284TG-06000-00	6	6.50	2	75	2.55
5284TG-06625-00	6 5/8	7.12	2	50	2.80
5284TG-08000-00	8	8.50	2	50	3.36
5284TG-08625-00	8 5/8	9.12	2	50	3.62
5284TG-10000-00	10	10.50	2	45	4.18
5284TG-10750-00	10 3/4	11.25	2	40	4.48
5284TG-12000-00	12	12.62	4	75	6.47
5284TG-12750-00	12 3/4	13.37	4	70	6.87
5284TG-14000-00	14	14.62	4	65	7.52

## 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

Temperature Range: -20°F (-29°C) to +160°F (+171°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5785-01000-00	1	1.83	4	800	0.75
5785-01250-00	1 1/4	1.93	4	800	0.80
5785-01500-00	1 1/2	2.21	4	800	1.58
5785-02000-00	2	2.81	4	800	1.58
5785-02500-00	2 1/2	3.36	6	500	1.95
5785-03000-00	3	4.00	6	500	2.90
5785-04000-00	4	5.27	6	400	3.95



# Material Handling Hose

## Novaflex 5328

### Plaster Hose

A flexible, easy to handle, long lasting, high pressure hose specially designed for use with cement, plaster and gypsum. The cover is ozone and weather resistant and the rubber tube is abrasion resistant. Good for jetting applications.

#### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Brown abrasion and weather resistant synthetic rubber

Length: 100 ft

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5328BS-01250-00	1¼	1.84	4	600	0.97
5328BS-01500-00	1½	2.09	4	600	1.10
5328BS-02000-00	2	2.72	6	600	1.80
5328BS-02500-00	2½	3.22	6	600	2.18
5328BS-03000-00	3	3.77	6	500	2.74

## 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.

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Tube Gauge	Plies	WP psi	WT LBS/FT
5331BS-04500-00	4½	5.73	¾	4	150	5.45
5331BS-06000-00	6	7.25	¾	4	150	7.51
5331BS-06625-00	6⅝	8.07	¾	6	150	9.26
5331BS-08625-00	8⅝	10.19	¾	8	150	12.97
5331BS-10750-00	10¾	12.50	½	8	150	17.83
5331BS-12750-00	12¾	14.55	½	8	150	22.80
5331BS-14000-00	14	16.04	½	12	150	27.21
5331BS-16000-00	16	18.04	½	12	150	30.82

## Novaflex 5332

### Sand Suction & 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 static conductive rubber

Reinforcement: Polyester tire cord with helix wire (full vacuum rated)

Cover: Smooth black abrasion and weather resistant synthetic rubber

Length: 20 ft.

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Tube Gauge	Plies	WP psi	WT LBS/FT
5332BS-04000-00	4	5.54	¾	4	150	6.75
5332BS-04500-00	4½	5.95	¾	4	150	7.46
5332BS-06000-00	6	7.57	¾	4	100	11.37
5332BS-06625-00	6⅝	8.20	¾	4	100	12.41
5332BS-08000-00	8	9.64	¾	6	100	15.86
5332BS-08625-00	8⅝	10.32	¾	6	100	16.87
5332BS-10000-00	10	12.06	½	6	100	25.42
5332BS-10750-00	10¾	12.86	½	6	100	22.06
5332BS-12000-00	12	14.11	½	6	100	30.55
5332BS-12750-00	12¾	14.86	½	6	100	32.29
5332BS-14000-00	14	16.37	½	8	100	42.66

**Novaflex 5332YG** = Yellow Novaware tube - superior abrasion resistance. Temperature to 160°F (171°C)

## Novaflex 5300 Premium Sandblast Hose

Designed with an extra thick, extremely abrasion resistant tube to extend life in sandblasting service.

Flexible and kink resistant to reduce operator fatigue and further extend wear of the hose.

The best quality sandblast hose on the market today.

### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Black abrasion and weather resistant synthetic rubber

Length: 100 ft

Temperature Range: -20°F (-29°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5300BS-00500-00	½	1.14	2	150	0.51
5300BS-00750-00	¾	1.52	2	150	0.74
5300BS-01000-00	1	1.88	2	150	1.09
5300BS-01250-00	1¼	2.13	2	150	1.28
5300BS-01500-00	1½	2.38	2	150	1.47
5300BS-02000-00	2	2.83	2	150	1.74

## Novaflex 5760/5761/5762 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 SBR

Reinforcement: Multiple plies of tire cord, with static wire

Cover: Black synthetic rubber

Length: 100 ft.

Temperature Range: -10°F (-23°C) to +180°F (+82°C)

Part No.	I.D.	Type	Tube Gauge	O.D.	Plies	WP psi	WT LBS/FT
5760-04000-00	4	5760	⅛	4.40	2	100	1.57
5761-04000-00	4	5761	3/16	4.50	2	75	1.94
5762-04000-00	4	5762	¼	4.60	2	75	2.44
5762-05000-00	5	5762	¼	5.64	2	75	3.41
5762-06000-00	6	5762	¼	6.64	2	75	4.04

## Novaflex 5900 Heavy Duty Sandblast Hose

Heavy duty (4 ply) abrasion resistant sand and shot blast hose that will accept higher working pressures and the most severe applications.

### Construction:

Tube: Black abrasion resistant synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Black abrasion and weather resistant synthetic rubber

Length: 100 ft

Temperature Range: -20°F (-29°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
5900BG-01000-00	1	1.89	4	250	1.15
5900BG-01250-00	1¼	2.14	4	250	1.35
5900BG-01500-00	1½	2.39	4	250	1.54
5900BG-02000-00	2	2.89	4	250	1.95
5900BG-02500-00	2½	3.40	4	250	2.39
5900BG-03000-00	3	3.90	4	150	2.78
5900BG-04000-00	4	5.26	4	150	5.43

## Novaflex AF Liner

A low pressure hose, designed to be extremely lightweight, but offer high flexibility and abrasion resistance in vacuum and discharge applications.

### Construction:

Tube: ⅛" ultra high abrasion resistant red natural rubber

Reinforcement: Multiple plies of fabric with steel helix

Cover: Rubberized fabric

Temperature Range: -30°F (-35°C) to +140°F (+60°C)

Other rubber tubes available: SBR, EPDM



Part No.	I.D.	WP	MBR	VAC	WT LBS/FT
3MBAF2RA02	2	30	10	29"	0.95
3MBAF2RA02.08	2½	30	13	29"	1.13
3MBAF2RA03	3	30	15	29"	1.40
3MBAF2RA04	4	25	20	28"	1.98
3MBAF2RA05	5	20	25	26"	2.40
3MBAF2RA06	6	16	30	23"	2.85
3MBAF2RA07	7	14	35	18"	3.30
3MBAF2RA08	8	12	40	12"	3.75
3MBAF2RA10	10	10	50	8"	5.15
3MBAF2RA12	12	8	60	5"	6.15

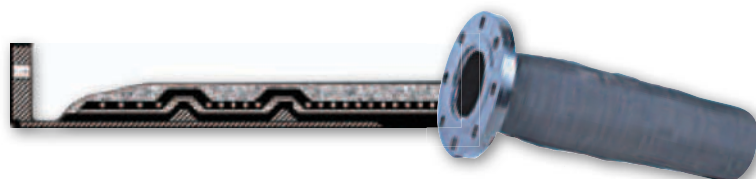
## Duck & Rubber Flange

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.



## 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.



## 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.



## Capped End

The tube is turned up and vulcanized into the hose cover. The reinforcement of the hose is completely encapsulated in rubber. This design protects the interior and exterior of the hose from the media being conveyed.



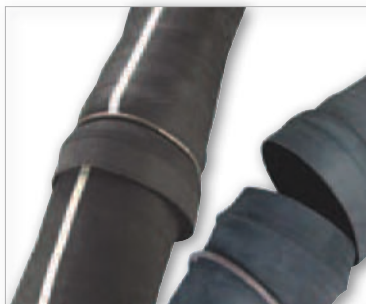
## Beaded End

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.



## Slip Ring End

This special end permits the attachment of large ID discharge hose (8" to 24" ID) with out the use of couplings. This special Novaflex end permits full flow and uses the internal hose pressure to form the liquid seal.



## 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-resistant 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.

Ends: Plain.

Temperature Range: -25°F (-32°C) to +200°F (+93°C)



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

Part No.	I.D.	O.D.	WT LBS/FT
7005BS-00500-00	1/2	0.93	0.32
7005BS-00625-00	5/8	1.06	0.38
7005BS-00750-00	3/4	1.17	0.43
7005BS-00875-00	7/8	1.3	0.48
7005BS-01000-00	1	1.42	0.54
7005BS-01125-00	1 1/8	1.55	0.59
7005BS-01250-00	1 1/4	1.68	0.65
7005BS-01375-00	1 3/8	1.81	0.71
7005BS-01500-00	1 1/2	1.92	0.76
7005BS-01750-00	1 3/4	2.17	0.87
7005BS-02000-00	2	2.43	0.98
7005BS-02250-00	2 1/4	2.68	1.10
7005BS-02375-00	2 3/8	2.8	1.15
7005BS-02500-00	2 1/2	2.93	1.21
7005BS-03000-00	3	3.43	1.43
7005BS-03500-00	3 1/2	3.92	1.50
7005BS-04000-00	4	4.42	1.87

## Novaflex 7008

### Mining Conduit Hose

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

#### Construction:

Tube: Black synthetic rubber

Reinforcement: 1 wrapped ply fabric

Cover: Black synthetic rubber

Length: 50 ft.

Ends: Plain.

Temperature Range: -25°F (-32°C) to +200°F (+93°C)



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

Part No.	I.D.	O.D.	WT LBS/FT
7008BS-00500-00	1/2	0.93	0.31
7008BS-00625-00	5/8	1.06	0.37
7008BS-00750-00	3/4	1.18	0.41
7008BS-00875-00	7/8	1.31	0.47
7008BS-01000-00	1	1.43	0.52
7008BS-01125-00	1 1/8	1.56	0.58
7008BS-01250-00	1 1/4	1.67	0.64
7008BS-01375-00	1 3/8	1.81	0.69
7008BS-01500-00	1 1/2	1.93	0.73
7008BS-01750-00	1 3/4	2.18	0.85
7008BS-02000-00	2	2.44	0.96
7008BS-02250-00	2 1/4	2.69	1.07
7008BS-02375-00	2 3/8	2.81	1.12
7008BS-02500-00	2 1/2	2.93	1.17
7008BS-03000-00	3	3.43	1.39
7008BS-03500-00	3 1/2	3.98	1.62



## Novaflex 7013 Crush Resistant Rock Dust Hose

Recommended for conveying rock dust from blowing machines in coals 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. open 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. Ends: Soft cuffs  
Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	Suction (Hg)	MBR (in)	WT LBS/FT
7013BG-01500-00	1½	1.88	2	100	28"	8"	0.60
7013BG-02000-00	2	2.38	2	85	28"	9"	0.80
7013BG-02500-00	2½	2.88	2	65	28"	10"	1.00

## Novaflex 7080 Smooth-Flex Mine Rock Dust Collector Hose

Recommended for mining dust collectors and roof-bolt drills where cover wear and drag is important. Smooth cover prevents excessive drag on moving arms of the equipment. Meets MSHA requirements.

### Construction:

Tube: Abrasive-resistant, static-conductive  
Reinforcement: Helical wire with single ply of nylon fabric  
Cover: Black flame resistant, smooth  
Length 50 ft. Ends: Soft cuffs/plain.  
Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	Suction (Hg)	MBR (in)	WT LBS/FT
7080BG-01250-00	1¼	1.56	1	50	20"	3"	0.40
7080BG-01500-00	1½	1.81	1	50	20"	3"	0.57
7080BG-02000-00	2	2.38	1	50	20"	4"	0.92
7080BG-02500-00	2½	2.88	1	45	20"	6"	1.14
7080BG-03000-00	3	3.88	1	35	15"	7"	1.35
7080BG-04000-00	4	4.38	1	30	15"	9"	1.46

## Novaflex 7086 Superflex Rock 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. Ends: Soft cuffs  
Temperature Range: -30°F (-35°C) to +180°F (+82°C)



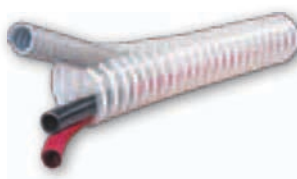
Part No.	I.D.	O.D.	Plies	WP psi	Suction (Hg)	MBR (in)	WT LBS/FT
7086BG-01250-00	1¼	1.63	1	50	20"	3"	0.40
7086BG-01500-00	1½	1.88	1	50	20"	3"	0.47
7086BG-02000-00	2	2.38	1	45	15"	4"	0.61
7086BG-02500-00	2½	2.88	1	40	15"	4"	0.89
7086BG-03000-00	3	3.38	1	35	10"	5"	1.11
7086BG-04000-00	4	4.38	1	30	10"	9"	1.21

## 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. Split lengthwise for simple installation.

### Construction:

Tube: PVC Cover: PVC Length 50ft & 100ft  
Temperature Range: -20°F (-29°C) to +120°F (+49°C)



Part No.	I.D.	O.D.	Standard Length/ft	WT LBS/FT
143WL-01000-00	1	1.46	100	0.40
143WL-01500-00	1½	1.96	100	0.46
143WL-02000-00	2	2.46	50	0.50
143WL-02500-00	2½	2.96	50	0.58
143WL-03000-00	3	3.46	50	0.66
143WL-04000-00	4	3.38	50	0.89

## 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.

Temperature Range: -30°F (35°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3254-00750-00	¾	1.24	2	2	30"	300	0.49
3254-01000-00	1	1.48	2	2½	30"	250	0.55
3254-01250-00	1¼	1.73	2	3	30"	200	0.71
3254-01500-00	1½	1.98	2	4	30"	150	0.80
3254-02000-00	2	2.52	2	6	30"	100	1.14
3254-02500-00	2½	3.05	2	6	30"	100	1.58
3254-03000-00	3	3.56	2	8	30"	100	1.89

## 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. This hose provides good flexibility for those hydraulic applications that operate in temperatures to -65°F

### Construction:

Tube: Special Low temperature nitrile

Reinforcement: Polyester tire cord with steel helix

Cover: Special black low temperature nitrile

Length: 100 ft.

Temperature Range: -65°F (-54°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3233BT-00750-00	¾	1.24	2	2	30"	300	0.49
3233BT-01000-00	1	1.48	2	2½	30"	250	0.55
3233BT-01250-00	1¼	1.73	2	3	30"	200	0.71
3233BT-01500-00	1½	1.98	2	4	30"	150	0.80
3233BT-02000-00	2	2.52	2	6	30"	100	1.14
3233BT-02500-00	2½	3.05	2	6	30"	100	1.58
3233BT-03000-00	3	3.56	2	8	30"	100	1.89

## Novaflex 3261 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. lengths

Temperature Range: -30°F (-35°C) to +200°F (+93°C)

Novaflex manufactures this hose in accordance to EN 1765



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3261BT-04000-00	4	4.94	4	24	30"	225	4.34
3261BT-06000-00	6	7.12	4	36	30"	225	8.27
3261BT-08000-00	8	10.05	6	48	30"	225	11.44
3261BT-10000-00	10	11.30	6	60	30"	225	18.78
3261BT-12000-00	12	13.50	8	72	30"	225	17.26

**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

Meets USCG requirements

## 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 the characteristics.

### Construction:

Tube: NBR

Reinforcement: Polyester tire cord, dual wire helix.

Cover: Black NBR/PVC corrugated

Ends: Straight

Length 100 ft (max)

Temperature Range: -30°F (-35°C) to +200°F (+93°C)

Novaflex manufactures this hose in accordance to EN 1765



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3265-06000-00	6	7.20	4	36	30"	225	7.20
3265-08000-00	8	9.30	6	48	30"	225	10.84
3265-10000-00	10	11.50	6	60	30"	225	13.40
3265-12000-00	12	13.80	8	72	30"	225	17.25

**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

Meets USCG requirements

## Novaflex 3261 OS & D Dock Hose with Built in Nipples

150# RF fixed flanges each end

Smooth black oil resistant cover

Temperature Range: -30°F (-35°C) to +200°F (+93°C)



**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

I.D.	lb/ft	lb/set Nipples
4	4.94	75
6	7.12	100
8	9.2	150
10	11.46	200
12	13.68	275

Meets USCG requirements

## Novaflex 3265 Built-in Nipples Corrugated OS& D Hose

150# RF fixed flanges each end

Corrugated oil resistant black cover

Smooth black oil resistant cover

Temperature Range: -30°F (-35°C) to +200°F (+93°C)



**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

I.D.	lb/ft	lb/set Nipples
6	8.20	100
8	11.50	150
10	15.70	200
12	21.40	275

## Novaflex 3267 Heavy Duty OS & D Dock Hose with Built in Nipples

150# RF fixed flanges each end

An extra heavy version of Novaflex 3261 designed for the extra rugged application, such as lightering to that extra abusive dock situation. Smooth black oil resistant cover.

Temperature Range: -30°F (-35°C) to +200°F (+93°C)



**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

I.D.	lb/ft	lb/set Nipples
6	7.40	100
8	10.50	150
10	14.90	200
12	20.0	275

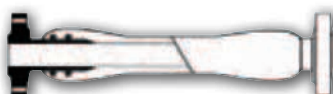
Meets USCG requirements

## Novaflex 3268 Built-in Nipples Heavy Duty Corrugated OS & D Dock Hose

An extra heavy version of Novaflex 3265 designed for the extra rugged application, such as lightering to that extra abusive dock situation.

Corrugated oil resistant black cover

Temperature Range: -30°F (-35°C) to +200°F (+93°C)

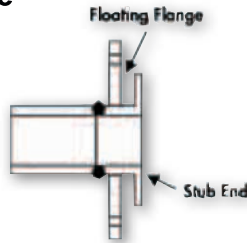


**Fuel Compatibility:**  
Ethanol up to E85  
Biodiesel up to B20

I.D.	lb/ft	lb/set Nipples
6	8.30	100
8	11.70	150
10	16.10	200
12	22.00	275

## Novaflex Built in Nipples Floating Flange add on price

Add this price to the hose for each floating flange required.



I.D.	lb/ea. Nipples
4	39
6	55
8	81
10	110
12	150

## Novaflex 3859BT Hot Tar and 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: Plies of polyester tire cord with helix wire

Cover: Smooth black abrasion resistant nitrile

Length: 100 ft.

Temperature Range: -40° (-40°C) to +350°F (+177°C)

(Intermittent service only)



Part No.	I.D.	O.D.	Plies	MBR (in)	WP psi	WT LBS/FT
3859BT-02000-00	2	2.57	2	6	150	1.18
3859BT-02500-00	2½	3.07	2	7	150	1.56
3859BT-03000-00	3	3.73	2	8	150	1.84
3859BT-04000-00	4	4.59	2	10	150	2.39

Not for use with BioFuels

## Novaflex 3860 Nitrile Tube Hot Tar and Asphalt HD

A more robust hose with extra working pressure to meet higher application requirements. This is a heavy duty hot tar and hot oil suction and transfer hose.

### Construction:

Tube: Black high grade nitrile rubber.

Reinforcement: Plies of polyester tire cord with helix wire.

Cover: Corrugated black oil resistant cover

Length: 100 ft.

Temperature Range: -40° (-40°C) to +350°F (+177°C)

(Intermittent service only)



Part No.	I.D.	O.D.	Plies	MBR (in)	WP psi	WT LBS/FT
3860BT-02000-00	2	2.57	2	5	200	1.20
3860BT-02500-00	2½	3.07	2	6	200	1.59
3860BT-03000-00	3	3.69	4	7	200	1.95
3860BT-04000-00	4	4.69	4	12	200	2.65

Not for use with BioFuels

## Novaflex 4805 Nova BioFuel 100

A rubber hose designed to handle all grades of Biodiesel and Ethanol.

This is a flexible, 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

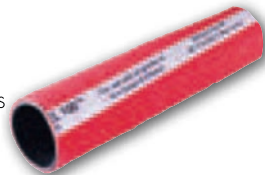
Cover: Smooth red weather and abrasion resistant nitrile rubber

Length: 100 ft.

Temperature Range: -20°F (-29°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
4805BV-01000-00	1	1.51	2	200	0.69
4805BV-01250-00	1¼	1.76	2	200	0.83
4805BV-01500-00	1½	2.05	2	200	1.06
4805BV-02000-00	2	2.56	2	200	1.42
4805BV-02500-00	2½	3.06	2	200	1.73
4805BV-03000-00	3	3.60	2	200	2.21
4805BV-04000-00	4	4.67	4	200	3.46

### Fuel Compatibility:

Ethanol up to E100

Biodiesel up to B100

## 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. Black neoprene cover is abrasion, oil and weather resistant.

#### Construction:

Tube: Nitrile

Reinforcement: Multiple plies polyester tire cord and steel wire helix

Cover: Black neoprene

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3253-01250-00	1¼	1.76	2	5	30"	150	0.71
3253-01500-00	1½	2.0	2	6	30"	150	0.80
3253-02000-00	2	2.44	2	8	30"	150	1.08
3253-02500-00	2½	3.02	2	10	30"	150	1.44
3253-03000-00	3	3.52	2	12	30"	150	1.90
3253-04000-00	4	4.57	2	16	30"	150	2.49

#### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 3260

### Tank Truck Hose

A very flexible economical, lightweight designed for transfer of petroleum products. Excellent for use in oil field applications.

#### Construction:

Tube: Nitrile.

Reinforcement: Multiple plies polyester tire cord and steel wire helix

Cover: Smooth black oil resistant cover

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3260BT-00000-00	1	1.52	2	4	30"	150	.62
3260BT-01250-00	1¼	1.76	2	4	30"	150	0.71
3260BT-01500-00	1½	2.0	2	5	30"	150	0.79
3260BT-02000-00	2	2.44	2	6	30"	150	1.00
3260BT-02500-00	2½	3.02	2	8	30"	150	1.33
3260BT-03000-00	3	3.52	2	9	30"	150	1.85
3260BT-04000-00	4	4.57	2	12	30"	150	2.40
3260BT-04600-00	6	6.76	2	30	30"	150	5.31

#### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 3255R

### Petroleum Suction & Discharge Hose

Novaflex Novalite 3255R is recommended for the transfer of petroleum products with an aromatic content up to 55%. Novaflex 3255R has a close corrugation design permitting easy flexing. This hose is excellent for the transfer of oily products such as; fats, greases, vegetable oil, hydraulic fluid and a wide range of general purpose oils.

#### Construction:

Tube: Black Nitrile RMA Class A

Reinforcement: Polyester tire cord and dual helix

Cover: Red oil resistant blend

Temperature: 40°F (-40°C) to 180°F (+82°C)



Part No	ID	OD	Plies	WP PSI	MBR	WT LBS/FT
3255RBT-01500-00	1½	1.96	2	150	4	0.84
3255RBT-02000-00	2	2.46	2	150	4	1.08
3255RBT-02500-00	2½	3.01	2	150	5	1.44
3255RBT-03000-00	3	3.52	2	150	6	1.85
3255RBT-04000-00	4	4.63	2	150	9	2.67

Available with black cover - Novaflex 3255

Novaflex 3255BT - black cover available

#### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20



## Novaflex 3258 Crush & Kink Resistant Petroleum Suction and Discharge Hose

Special kink and crush resistant version of Novaflex 3253 design, utilizing a multi-ply construction with dual monofilament helix rods. Excellent for use in those demanding abusive situations.

### Construction:

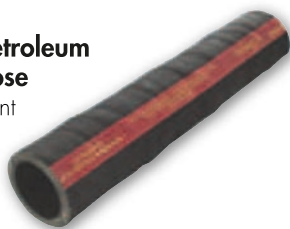
Tube: Nitrile resistant to 55% aromatic fuels

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

Cover: Black oil and abrasion resistant compound

Length: 100 ft.

Temperature Range: 40°F (-40°C) to 180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3258-00750-00	¾	.126	2	4	30"	200	0.71
3258-01500-00	1½	2.00	2	5	30"	200	0.84
3258-02000-00	2	2.66	2	6	30"	200	1.08
3258-02500-00	2½	3.00	2	8	30"	200	1.44
3258-03000-00	3	3.61	2	10	30"	200	1.85

### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 3257 Corrugated Low Temp Tank Truck

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:

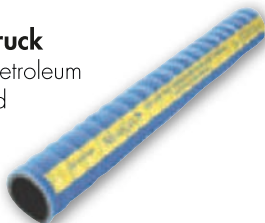
Tube: Black Nitrile

Reinforcement: Multiple plies polyester tire cord with helix

Cover: Corrugated red oil resistant rubber

Length: 100 ft.

Temperature Range: -65°F (-54°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3257BT-01250-00	1¼	1.73	2	5	30"	150	0.71
3257BT-01500-00	1½	2.00	2	6	30"	150	0.84
3257BT-02000-00	2	2.50	2	8	30"	150	1.08
3257BT-02500-00	2½	3.07	2	10	30"	150	1.44
3257BT-03000-00	3	3.57	2	12	30"	150	1.85
3257BT-04000-00	4	4.67	2	16	30"	150	3.11

### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 3549 Petroleum Discharge Hose

A lightweight petroleum discharge hose. Handles all grades of petroleum with aromatic content to 55%

### Construction:

Tube: Red Nitrile

Reinforcement: Multiple plies of tire cord, 2 plies fabric with static wire

Cover: Black oil and abrasion resistant rubber

Length: 100ft.

Temperature Range: 30°F (-35°C) to 180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3549BT-02000-00	2	2.39	2	n/a	n/a	200	1.08
3549BT-03000-00	3	3.57	2	n/a	n/a	200	1.85
3549BT-04000-00	4	4.67	2	n/a	n/a	200	3.11
3549BT-06000-00	6	6.67	4	n/a	n/a	200	4.20

### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 3477 Novalite Tank Truck Hose

Recommended for the transfer of petroleum products with an aromatic content of up to 55%. Novalite has a unique design utilizing a flat corrugation design permitting extreme ease when flexing. Novalite is excellent for the transfer of other oily products, such as fats, greases, vegetable oil, hydraulic fluid and a wide range of chemicals. This hose takes a very little force to flex the hose as compared to other constructions.

### Construction:

Reinforcement: Multiple plies of Polyester tire cord with dual helix wire

Cover: Black Oil & Abrasion Resistant Rubber

Length: 100ft (maximum)

Temperature range -40°F (-40°C) to +180°F (+82°C)



Part No	ID	OD	Plies	WP PSI	MBR	WT LBS/FT
3477BT-01000-00	1	1.55	2	150	2	0.6
3477BT-01250-00	1¼	1.80	2	150	3	0.7
3477BT-01500-00	1½	2.15	2	150	3	5.9
3477BT-02000-00	2	2.68	2	150	4	1.2
3477BT-02500-00	2½	3.20	2	150	5	1.45
3477BT-03000-00	3	3.73	2	150	6	1.9
3477BT-04000-00	4	4.73	2	150	9	2.6
3477BT 06000 00	6	6.75	4	150	20	5.31

### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## 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: Multiple plies tire cord with static wire

Cover: Black oil and abrasion resistant rubber

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +180°F (+82°C)

(Also available with red cover)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (Hg)	WP psi	WT LBS/FT
3550BT-01000-05	1	1.52	2	n/a	n/a	250	0.57
3550BT-01500-05	1½	2.14	2	n/a	n/a	250	0.96
3550BT-02000-05	2	2.64	2	n/a	n/a	250	1.23
3550BT-02500-05	2½	3.14	2	n/a	n/a	250	1.49
3550BT-03000-05	3	3.54	2	n/a	n/a	250	2.10
3550BT-04000-05	4	4.65	4	n/a	n/a	250	2.42
3550BT-06000-05	6	6.70	4	n/a	n/a	250	4.90

### Fuel Compatibility:

Ethanol up to E85

Biodiesel up to B20

## Novaflex 3269 Oil Field Vac Hose

A tank truck service, including oil field vacuum truck service, where full suction is required. Ideal for handling crude oil, salt and fresh water, tank bottoms, drilling mud, along with diluted solutions of hydrochloric acids and diesel fuels.

**Note: Not recommended for refined petroleum products such as gasoline!**

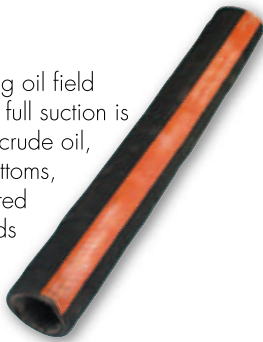
### Construction:

Tube: Black Type C Nitrile

Reinforcement: Multiple plies of polyester tire cord & helix wire

Cover: Smooth Black SBR

Temperature Range: -40°F (-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (HG)	WP psi	WT LB/FT
3269BT-01500-00	1½	2	2	5	30"	150	0.75
3269BT-02000-00	2	2.44	2	7	30"	150	0.99
3269BT-02500-00	2½	3.02	2	8	30"	150	1.33
3269BT-03000-00	3	3.5	2	10	30"	150	1.57
3269BT-04000-00	4	4.57	2	14	30"	150	2.44

Not for use with BioFuels

## Novaflex 3270 300 psi WP Oil Field Vac Hose

A tank truck service, including oil field vacuum truck service, where full suction is required. Ideal for handling crude oil, salt & fresh water, tank bottoms, drilling mud, along with diluted solutions of hydrochloric acids and diesel fuels.

**Note: Not recommended for refined petroleum products such as gasoline!**

### Construction:

Tube: Black Type C Nitrile

Reinforcement: Multiple plies of polyester tire cord & helix wire

Cover: Smooth Black SBR

Temperature Range: -40°F (-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	MBR (in)	VAC (HG)	WP psi	WT LB/FT
3270BT-01500-00	1½	2	2	6	30"	300	0.77
3270BT-02000-00	2	2.44	2	8	30"	300	0.99
3270BT-02500-00	2½	3.02	2	10	30"	300	1.35
3270BT-03000-00	3	3.74	4	12	30"	300	2.18
3270BT-04000-00	4	4.74	4	16	30"	300	2.83

Not for use with BioFuels

## Novaflex 3275 Corrugated Oil Field Vac Hose

Novaflex® 3275 is a rugged suction and discharge, flexible hose designed for oilfield vacuum truck and oilfield fracturing applications. This hose is ideal where applications require a hose designed for the transfer of salt & fresh water, tank bottoms, drilling mud, combined with dilute solutions of crude oil.

**Note: Not recommended for refined petroleum products such as gasoline!**

### Construction:

Tube: Black blended nitrile

Reinforcement: Multiple tire cord layers & dual wire helix, full suction and discharge

Cover: Black abrasion, ozone & UV resistant

Temperature Range: -40°F (-40°C) to +180°F (+82°C)

Branding: Full suction /150 psi VWP

Not recommended for use with refined petroleum products such as gasoline.



Part No.	I.D.	O.D.	WP psi	MBR (in)	Wt LB/Ft
3275BT-02000-00	2	2.49	150	6	1.23
3275BT-03000-00	3	3.58	150	8	2.07
3275BT-04000-00	4	4.59	150	12	2.87
3275BT-06000-00	6	6.74	150	24	5.81
3275BT-08000-00	8	8.75	150	40	8.05
3275BT-12000-00	12	12.75	40	72	12.70

Not for use with BioFuels

## Novaflex 141 PVC Clear Food Suction & Discharge Hose - FDA



A light duty corrugated PVC hose. Lightweight and highly flexible, designed to meet the requirements of industry's light duty requirements. Excellent in suction and low pressure and open end discharge applications.

### Construction:

Tube: PVC, made with FDA approved materials

Reinforcement: #141-Gray PVC helix rod clear tube

Length: 100ft

Couplings: Use couplings suitable for suction and low pressure requirements

Color: Clear with gray helix

Temperature Range: -20°F (-29°C) to +120°F (+49°C)

Part No.	I.D.	O.D.	Max WP @ 68°F	Bend Radius	Vacuum HG @ 68°F	WT LBS/FT
141BL-00750-00	¾	1.01	45	1	26	0.11
141BL-01000-00	1	1.27	45	2	26	0.14
141BL-01250-00	1¼	1.53	43	3	26	0.28
141BL-01500-00	1½	1.82	40	3	26	0.31
141BL-02000-00	2	2.36	35	4	26	0.52
141BL-03000-00	3	3.44	30	6	23	0.95

## Novaflex 148 PVC White Food Suction and Discharge Hose - FDA



A premium food grade PVC hose. Lightweight and flexible, designed to meet the requirements of the food industry's general service requirements. Excellent in food suction and low pressure discharge applications.

### Construction:

Tube: PVC, made with FDA approved materials

Reinforcement: PVC helix rod

Length: 100ft

Couplings: Use couplings suitable for suction and low pressure requirements

Color: White

Temperature Range: -20°F (-29°C) to +120°F (+49°C)

Part No.	I.D.	O.D.	Max WP @ 68°F	Bend Radius	Vacuum HG @ 68°F	WT LBS/FT
148WL-00750-00	¾	1.01	90	2	26	0.21
148WL-01000-00	1	1.27	80	3	26	0.28
148WL-01250-00	1¼	1.53	80	4	26	0.35
148WL-01500-00	1½	1.82	80	5	26	0.48
148WL-02000-00	2	2.36	60	6	26	0.67
148WL-03000-00	3	3.44	50	9	23	1.25

## Novaflex 149 PVC Black Food Suction & Discharge Hose - FDA



A medium service PVC hose. Lightweight and flexible, designed to meet the requirements of industry's general service requirements. Excellent in suction and low pressure discharge applications.

### Construction:

Tube: PVC, made with FDA approved materials

Reinforcement: PVC helix rod

Length: 100ft

Couplings: Use couplings suitable for suction and low pressure

Color: Black

Temperature Range: -20°F (-29°C) to +120°F (+49°C)  
(WP pressures & vacuum ratings drop above +68°F)

Part No.	I.D.	O.D.	Max WP @ 68°F	Bend Radius	Vacuum HG @ 68°F	WT LBS/FT
149BL-00750-00	¾	1.01	90	2	26	0.21
149BL-01000-00	1	1.27	80	3	26	0.28
149BL-01250-00	1¼	1.53	80	4	26	0.35
149BL-01500-00	1½	1.82	80	5	26	0.48
149BL-02000-00	2	2.36	60	6	26	0.67
149BL-03000-00	3	3.44	50	9	23	1.25

## Novaflex Yellow Jack Pumper-Sanitation Hose

A smooth interior for optimum flow and unique 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

Length: 1½" to 3" diameter: 10ft, 20ft, 25ft, 30ft, 50ft, 60ft. 4" diameter: 10ft, 20ft, 25ft

Temperature Range: -40°F (-40°C) to +140°F (+93°C)

Not for steam service



Part No.	I.D.	O.D.	Neg. Press. in/hg	Max Pos. Press(psi)	WT LBS/FT	Bend radius at 90°	WT/FT Bulk hose
9NFYLJK01.08	1½	1.975"	29	25	.3	3.50"	0.28
9NFYLJK02	2	2.65"	29	25	.6	3.75"	0.53
9NFYLJK02.08	2½	3.32"	29	20	.8	4.75"	0.78
9NFYLJK03	3	3.97"	29	20	1.4	6.25"	1.32
9NFYLJK04	4	5.00"	29	10	1.9	8.50"	1.55

Available with factory installed cuffs or in bulk lengths

## Novaflex TPU Heavy Duty Vacuum Hose

All extruded construction, lightweight alternative to cumbersome rubber hose. Designed specifically for transfer of abrasive materials under vacuum, from storage tanks, barges and tankers, including underwater applications in aquaculture; hatchery, pen transfer and stream release.

### Construction:

Material: Extruded polyurethane rigid PVC helix wall.

Extruded polyurethane wall, rigid PVC helix

Weight: 6" diameter = 2.5 lbs/ft

Lengths: 50 ft

Color: Extruded Transparent Blue TPU

Temperature Range: -50°F (-46°C) to +200°F (+93°C)

Rated for full vacuum

Available with copper static wire.



Part No.	I.D.	O.D.	Bend Radius	Neg Pres (inch) Hg	Pos. W.P PSI	Pitch	Wall Gauge (thou")	WT/FT
9SFTPUX04FV	4"	4.45"	9.5"	29"	35	.75"	0.07	1.66
9SFTPUX06FV	6"	6.65"	14"	29"	30	.75"	0.07	2.5
9SFTPUX08FV	8"	8.85"	14"	29"	30	1.00"	0.085	3.4



## Novaflex HDAP All Purpose Thermoplastic Rubber Hose

### Wet And Dry Material Handling

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:

Material: Thermoplastic rubber

Diameters: 2" to 8"

Weight: 3" = 1.4 lbs/ft

Length: Diameters 2" to 4", 100ft lengths

Diameters 5" to 8", 50ft lengths

Temperature Range: -65°F (-46°C) to +200°F (+93°C)

Color: Black with external helix



Part No.	I.D.	O.D.	Working Pressure PSI	Vacuum Rating inch/Hg	Bend Radius Inch	WT/FT
9SFHDAP02	2	2.77	40	29	2	0.97
9SFHDAP04	4	4.67	30	29	5	1.70
9SFHDAP06	6	6.85	30	29	10	1.90
9SFHDAP08	8	8.99	30	29	15	3.80

## Novaflex Medium Duty Material Handling Hose Static Conductor\*

A flexible conductive hose designed to allow for safe grounding during wet and dry material transfer operations. This hose is lightweight with a smooth interior for optimum flow.

#### Construction:

Material: TPR co-polymer with rigid plastic external scuff guard

Diameters: 2" to 6"

Weight: 4" I.D. = 1.4 lbs

Lengths: Diameters 2" to 4", 100 ft, 6" Diameter 50ft

Color: Red with black scuff guard

Temperature Range: -40°F (-40°C) to + 200°F (+93°C)



Part No.	I.D.	O.D.	Working Pressure PSI	Vacuum Rating inch/Hg	Bend Radius Inch	WT/FT
9NFSCAP02	2	2.45	40	29	2.25	0.70
9NFSCAP03	3	3.6	35	29	2.75	1.00
9NFSCAP04	4	4.8	30	29	4.25	1.40
9NFSCAP06	6	6.925	30	28	9.00	2.30

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

## Novaflex 9500

### Lo-Volt Hose

This hose has a conductive tube that allows a low level electrical charge.

Suitable for applications, including cable covers and electrical protective covers.

#### Construction:

Tube: Yellow non-conductive synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Black weather and abrasion resistant rubber

Length: 100 ft.

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
9500YE-00750-00	3/4	1.21	2	200	0.44
9500YE-04100-00	1	1.46	2	200	0.58
9500YE-01125-00	1 1/8	1.58	2	200	0.64
9500YE-01250-00	1 1/4	1.71	2	200	0.70
9500YE-01375-00	1 3/8	1.84	2	200	0.76
9500YE-01500-00	1 1/2	1.96	2	200	0.82
9500YE-01625-00	1 5/8	2.13	2	200	0.98
9500YE-01688-00	1 11/16	2.20	2	200	1.02
9500YE-01750-00	1 3/4	2.26	2	200	1.05
9500YE-01813-00	1 13/16	2.32	2	200	1.09
9500YE-01875-00	1 7/8	2.38	2	200	1.12
9500YE-02000-00	2	2.51	2	200	1.18
9500YE-02125-00	2 1/8	2.63	2	200	1.25
9500YE-02250-00	2 1/4	2.76	2	200	1.31
9500YE-02375-00	2 3/8	2.88	2	200	1.37
9500YE-02500-00	2 1/2	3.01	2	200	1.44

Electrical resistivity: 50 gigaohms per foot at 1000 volts DC

## Novaflex 9540

### Hi-Volt Hose

Used in applications where complete electrical non conductivity is a critical issue. Both tube and cover are non conductive material. Suitable for severe electrical applications like power plants and underground mining applications.

#### Construction:

Tube: Yellow non-conductive synthetic rubber

Reinforcement: Plies of polyester tire cord

Cover: Green non-conductive weather and abrasion resistant rubber

Length: 100 ft.

Temperature Range: Up to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
9540YS-00500-00	1/2	1.00	2	200	0.38
9540YS-00750-00	3/4	1.25	2	200	0.51
9540YS-01000-00	1	1.54	2	200	0.71
9540YS-01125-00	1 1/8	1.72	2	200	0.86
9540YS-01250-00	1 1/4	1.84	2	200	0.93
9540YS-01375-00	1 3/8	1.97	2	200	1.01
9540YS-01500-00	1 1/2	2.09	2	200	1.08
9540YS-01563-00	1 9/16	2.16	2	200	1.13
9540YS-01625-00	1 5/8	2.22	2	200	1.16
9540YS-01750-00	1 3/4	2.36	2	200	1.33
9540YS-01813-00	1 13/16	2.41	2	200	1.37
9540YS-01875-00	1 7/8	2.48	2	200	1.41
9540YS-02000-00	2	2.71	4	200	1.71
9540YS-02250-00	2 1/4	2.99	4	200	2.11
9540YS-02375-00	2 3/8	3.11	4	200	2.21
9540YS-02500-00	2 1/2	3.23	4	200	2.31
9540YS-03000-00	3	3.73	4	200	2.71
9540YS-03500-00	3 1/2	4.23	4	200	3.11
9540YS-04000-00	4	4.73	4	200	3.52

Electrical resistivity: 100 gigaohms per foot at 1000 volts DC or better.

## Novaflex 5510 Black Low Pressure Conductive Steam Hose 100psi

This textile reinforced steam hose is an excellent flexible light weight hose for transferring steam in medium temperature applications.

### Construction:

Tube: Black EPDM

Reinforcement: Plies of fiberglass tire cord

Cover: Smooth black weather and abrasion

resistant EPDM

Length: 100 ft.

Temperature Range: Up to +338°F (+170°C)



Part No.	I.D.	O.D.	Plies Fiberglass	WP psi	WT LBS/ FT
5510BE-00500-00	½	1.02	4	100	0.34
5510BE-00750-00	¾	1.27	4	100	0.45
5510BE-01000-00	1	1.52	4	100	0.56
5510BE-01250-00	1¼	1.82	4	100	0.75
5510BE-01500-00	1½	2.07	4	100	0.87
5510BE-02000-00	2	2.57	4	100	1.11

## Novaflex 5520 Red Low Pressure Non-Conductive Steam Hose 100psi

This textile reinforced steam hose is an excellent flexible light weight hose for transferring steam in medium temperature applications that require an electrically non-conductive hose.

### Construction:

Tube: Red EPDM rubber

Reinforcement: Plies of fiberglass tire cord

Cover: Smooth Red weather and abrasion resistant EPDM rubber

Length: 100 ft.

Temperature Range: Up to +338°F (+170°C)

Non-conductive



Part No.	I.D.	O.D.	Plies Fiberglass	WP psi	WT LBS/FT
5520RE-00500-00	½	1.02	4	100	0.34
5520RE-00750-00	¾	1.27	4	100	0.45
5520RE-01000-00	1	1.52	4	100	0.56
5520RE-01250-00	1¼	1.82	4	100	0.75
5520RE-01500-00	1½	2.07	4	100	0.87
5520RE-02000-00	2	2.57	4	100	1.11
5520RE-03000-00	3	3.76	6	100	2.19

## Novaflex 2145 Hot Water Washdown Hose White oil resistant non marking cover

An excellent, long lasting washdown hose designed for the rugged requirement found in the food processing industry.

### Construction:

Tube: White EPDM

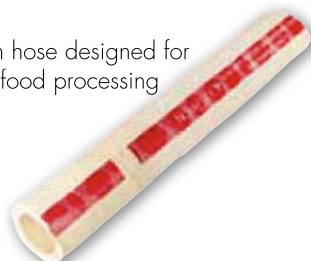
Reinforcement: Polyester Tire Cord

Cover: White Nitrile

Length: 100 ft.

Temperature Range: -30°F (-35°C) to +210°F (+99°C)

(Not rated for steam)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2145WE-00750-01	¾	1.25	2	250	.44
2145WE-01000-01	1	1.54	4	250	.62
2145WE-01250-01	1¼	1.79	4	250	.74
2145WE-01500-01	1½	2.04	4	250	.86

## Novaflex 2151

### Heavy Duty Hot Water Washdown Hose

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

#### Construction:

Tube: White EPDM

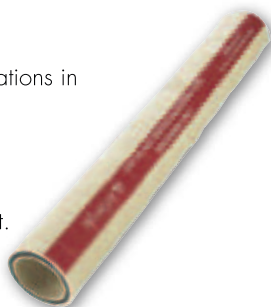
Reinforcement: Multiple layers of polyester cord

Cover: White EPDM non marking. Length: 100ft.

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

(+100°C)

Not rated for steam



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/Ft
2151WE-00750-00	¾	1.31	4	300	0.44
2151WE-01000-00	1	1.56	4	300	0.54
2151WE-01250-00	1¼	1.81	4	300	0.65

## 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

Length: 100ft.

Temperature Range: -30° (-35°C) to +180°F

(+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2152BE-00750-00	¾	1.11	2	300	0.39
2152BE-01000-00	1	1.36	2	300	0.50
2152BE-01250-00	1¼	1.61	2	300	0.60
2152BE-01500-00	1½	1.86	2	250	0.70
2152BE-02000-00	2	2.43	2	200	1.13
2152BE-02500-00	2½	2.93	2	175	1.38
2152BE-03000-00	3	3.43	2	150	1.63
2152BE-03500-00	3½	3.99	2	125	2.37
2152BE-04000-00	4	4.49	2	100	2.70
2152BE-05000-00	5	5.58	2	100	4.31
2152BE-06000-00	6	6.65	2	75	5.81
2152BE-08000-00	8	8.74	2	75	8.36
2152BE-10000-00	10	10.85	2	75	13.47
2152BE-12000-00	12	12.95	4	75	17.52

## Novaflex 2226

### Heavy Duty Water Discharge Hose

A heavy duty water discharge hose for the toughest industrial or construction applications. The cover is designed to withstand weather, abrasion and ozone.

#### Construction:

Tube: Black synthetic EPDM rubber

Reinforcement: 4 ply polyester tire cord

Cover: Smooth black weather and abrasion resistant rubber

Length: 100ft.

Temperature Range: -40°F (-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2226BE-01500-00	1½	2.04	4	300	0.84
2226BE-02000-00	2	2.54	4	250	1.08
2226BE-02500-00	2½	3.04	4	250	1.32
2226BE-03000-00	3	3.54	4	200	1.56
2226BE-04000-00	4	4.54	4	200	2.04
2226BE-05000-00	5	5.54	4	200	2.53
2226BE-06000-00	6	6.58	4	200	2.96
2226BE-08000-00	8	8.58	4	200	4.10
2226BE-10000-00	10	10.58	4	150	5.08
2226BE-12000-00	12	12.61	4	150	6.53

## Novaflex 2636

### Slip Ring / Couplless Rubber Water Hose

A lightweight lay-flat 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 de-watering applications, irrigation, light dredging, etc.

#### Construction:

Tube: Black synthetic EPDM rubber

Reinforcement: Multiple plies polyester tire cord

Cover: Black synthetic rubber

Length: Standard lengths, 50 ft.

Temperature Range: -40°F (-40°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT PER LGTH
2636BE-04000-00	4	4.22	2	100	40
2636BE-06000-00	6	6.22	2	75	62
2636BE-08000-00	8	8.22	2	65	79
2636BE-10000-00	10	10.22	2	50	96
2636BE-12000-00	12	12.20	2	40	120
2636BE-14000-00	14	14.22	2	35	135
2636BE-16000-00	16	16.22	2	35	163
2636BE-24000-00	24	24.22	2	30	235

## Novaflex 1501

### Built on Nozzle, Washdown Hose

A wash down hose designed to provide excellent service life in the rugged industrial applications that require a built on nozzle. This product combines a robust 300psi waster hose that provides excellent abrasion resistance and a built on nozzle that is easy to grip.

#### Construction

Tube: EPDM, Black chemical resistant compound

Cover: Black SBR blend abrasion, ozone resistant compound

Reinforcement: Multiple plies of polyester tire cord

Length: 50 ft

Temperature Range: -20°F (-29°C) to +180°F (+82°C)



Part No	I.D.	O.D.	WP psi	WT/ LBS/FT
1501-00750-00	¾	1.37	300	.61
1501-01000-00	1	1.65	300	.73
1501-01500-00	1¼	1.80	300	.94

Other color covers available

## 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 built to end.

#### 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 (lengths up to 100ft available on request)

Temperature Range: -30° (-35°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2140BE-00500-61	½	0.91	2	200	0.28
2140BE-00750-61	¾	1.16	2	200	0.38
2140BE-01000-61	1	1.42	2	200	0.50
2140BE-01250-61	1¼	1.77	2	150	0.78
2140BE-01500-61	1½	2.06	2	150	0.99

## Novaflex 2150

### Water Discharge Hose

A lightweight rubber water discharge hose designed for use on portable pumps by contractors and municipalities.

#### Construction:

Tube: Black synthetic EPDM rubber

Reinforcement: Plies of polyester tire cord

Cover: Smooth black weather and abrasion resistant rubber

Length: 100ft.

Temperature Range: -30° (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2150BE-01250-00	1¼	1.44	2	300	0.40
2150BE-01500-00	1½	1.69	2	250	0.47
2150BE-02000-00	2	2.19	2	200	0.62
2150BE-02500-00	2½	2.69	2	150	0.76
2150BE-03000-00	3	3.19	2	125	0.91
2150BE-03500-00	3½	3.74	2	125	1.05
2150BE-04000-00	4	4.24	2	100	1.19
2150BE-05000-00	5	5.32	2	100	1.49
2150BE-06000-00	6	6.32	2	85	1.78
2150BE-06625-00	6¾	6.94	2	75	1.97
2150BE-08000-00	8	8.33	2	75	2.54
2150BE-08625-00	8¾	8.95	2	75	2.89
2150BE-10000-00	10	10.43	4	75	4.19
2150BE-10750-00	10¾	11.18	4	75	4.51
2150BE-12000-00	12	12.43	4	75	5.02
2150BE-12750-00	12¾	13.18	4	75	5.33



## Novaflex 2019

### Coolant Hose

Designed for heavy duty industrial or automotive coolant service. The 3 ply construction hose has a specially blended tube compound designed to resist heat and oil. Meets SAE J20-R1 (3 & 5 ply only).

#### Construction:

Tube: Black EPDM

Reinforcement: Plies of fabric

Cover: Black EPDM

Length: Available in 50 ft lengths.

Temperature Range: -40°F (-40°C) to +200°F (+93°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2019BE-06250-70	5/8	1.00	3	130	0.34
2019BE-07500-70	3/4	1.13	3	115	0.38
2019BE-08750-70	7/8	1.25	3	100	0.42
2019BE-01000-70	1	1.38	3	90	0.46
2019BE-01125-70	1 1/8	1.50	3	80	0.50
2019BE-01250-70	1 1/4	1.38	3	75	0.55
2019BE-01938-70	1 5/16	1.75	3	70	0.59
2019BE-01375-70	1 3/8	1.69	3	70	0.57
2019BE-01500-70	1 1/2	1.88	3	65	0.63
2019BE-01625-70	1 5/8	2.00	3	60	0.67
2019BE-01750-70	1 3/4	2.13	3	55	0.71
2019BE-01875-70	1 7/8	2.25	3	55	0.76
2019BE-02000-70	2	2.38	3	50	0.80
2019BE-02125-70	2 1/8	2.50	3	45	0.84
2019BE-02250-70	2 1/4	2.63	3	45	0.88
2019BE-02375-70	2 3/8	2.75	3	40	0.92
2019BE-02500-70	2 1/2	2.88	3	40	0.96
2019BE-02625-70	2 5/8	3.00	3	40	1.01
2019BE-02750-70	2 3/4	3.13	3	35	1.05
2019BE-02875-70	2 7/8	3.25	3	35	1.09
2019BE-03000-70	3	3.38	3	35	1.13
2019BE-03125-70	3 1/8	3.50	3	30	1.17
2019BE-03250-70	3 1/4	3.63	3	30	1.22
2019BE-03500-70	3 1/2	3.88	3	30	1.30
2019BE-04000-70	4	4.38	3	25	1.47
2019BE-04500-70	4 1/2	4.88	3	25	1.63
2019BE-04750-70	4 3/4	5.13	3	20	1.72
2019BE-05000-70	5	5.38	3	20	1.80
2019BE-05500-70	5 1/2	5.88	3	20	1.97

## Novaflex 2200

### Water Jetting Hose

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

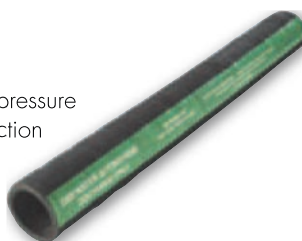
#### Construction:

Tube: Black EPDM

Reinforcement: Polyester tire cord

Cover: Smooth black EPDM cover Length: 100ft.

Temperature Range: -30° (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2200BE-02000-00	2	2.48	2	500	0.91
2200BE-02500-00	2 1/2	3.08	4	500	1.34
2200BE-03000-00	3	3.61	4	400	1.59
2200BE-04000-00	4	4.61	4	300	2.07

## Novaflex 2250

### High Pressure Water Jetting Hose

Designed for heavy duty, high pressure water jetting. Premium quality compounds provide excellent resistance to the common abuses associated with water jetting in the marine and construction industry.

#### Construction:

Tube: Black EPDM

Reinforcement: Polyester tire cord

Cover: Smooth black EPDM cover Length: 100ft

Temperature Range: -30° (-35°C) to +180°F (+82°C)



Part No.	I.D.	O.D.	Plies	WP psi	WT LBS/FT
2250BE-02000-00	2	2.70	6	800	1.30
2250BE-02500-00	2 1/2	3.24	6	800	1.59
2250BE-03000-00	3	3.74	6	800	1.87
2250BE-04000-00	4	4.74	6	800	2.42
2250BE-05000-00	5	5.74	6	500	2.68
2250BE-06000-00	6	6.74	6	500	3.20

## Novaflex 2160 Water Removal and Hydrant Services

Premium quality heavy duty hose designed for suction and discharge applications commonly found in water removal and hydrant service on fire trucks

### Construction:

Tube: SBR

Reinforcement: Multiple plies of polyester tire cord with helix

Cover: Smooth SBR

Length: Available in specific lengths with cuff ends - price on application

Temperature Range: -40° (-40°C) to +180°F (+82°C)

Meets or exceeds NFPA #189 & 1901 requirements



Part No.	I.D.	O.D.	Plies	WP psi	Min Order Lgth	WT LBS/FT
2160BS-02000-00	2	3.25	2	150	100'	2.46
2160BS-02500-00	2½	3.687	2	150	100'	2.88
2160BS-03000-00	3	4.25	2	150	50'	3.77
2160BS-04000-00	4	4.687	4	150	50'	5.16
2160BS-05000-00	5	5.75	4	150	50'	5.77
2160BS-06000-00	6	6.75	4	150	50'	7.03

## Novaflex 2161 Water Removal and Hydrant Services

Premium quality heavy duty hose designed for suction and discharge applications commonly found in water removal and hydrant service on fire trucks.

### Construction:

Tube: SBR

Reinforcement: Multiple plies of polyester tire cord with helix

Cover: Corrugated black EPDM cover

Length: up to 100 ft

Temperature Range: -40° (-40°C) to +180°F (+82°C)

Hose comes with 6" cuffed ends. Meets or exceeds NFPA #189 & 1901 requirements.



Part No.	I.D.	O.D.	Plies	WP psi	Min Qty	WT LBS/FT
2161BS-02500-00	2	3.04	2	150	4	2.42
2161BS-02500-00	2½	3.54	2	150	4	2.90
2161BS-03000-00	3	4.54	2	150	2	3.47
2161BS-04000-00	4	4.687	4	159	2	5.2
2161BS-05000-00	5	5.54	4	150	2	5.88
2161BS-06000-00	6	6.58	4	150	2	7.36

# Terms and Conditions of Sale

The items described in this document and other documents provided by NovaFlex Hose Inc., NovaFlex Industries Inc., Z-Flex U.S. Inc., their subsidiaries and their authorized representatives ("Seller") are available for sale at prices established by Seller. An order from any customer ("Buyer") shall be governed by all of the following terms and conditions of sale ("Terms and Conditions"). Upon Seller's acceptance of Buyer's purchase order the Terms and Conditions from part of the agreement between Buyer and Seller. All goods available for sale are referred to as "Products". The Terms and Conditions are also available on our website at [www.novaflex.com](http://www.novaflex.com).

1. **Prices; Price Adjustments; Payments.** Prices stated in this document are valid for 30 days. Minimum purchase per order is \$250. After 30 days, Seller may change prices to reflect any increase in its costs resulting from state, provincial, federal or local legislation, price increases from its suppliers, or any change in the rate, charge, or classification of any carrier. The prices in this document do not include any sales, use, or other taxes unless so stated. Buyer shall be responsible for any present or future sales, exercise or similar tax applicable to the sale or use of the Products. Unless otherwise specified by Seller, all prices are F.O.B. Seller's facility, and payment is due 30 days from the date of invoice. After 30 days, Buyer shall pay interest on any unpaid invoices at the rate of 1.5% per month.
2. **Delivery Dates; Title and Risk; Shipment.** All delivery dates are approximate and Seller shall not be responsible for any damages resulting from any delay due to a cause beyond its control. Regardless of manner of shipment, title to any Products and risk of loss or damage shall pass to Buyer upon tender to the carrier at Seller's facility. Unless otherwise stated, Seller may exercise its judgment in choosing the carrier and means of delivery. At Seller's option carrier charges shall be prepaid and invoiced to Buyer. A \$5.00 handling charge will be added to all UPS shipments. No deferment of shipment at Buyers' request beyond the respective dates indicated will be made except on terms that will indemnify and hold Seller harmless against all loss and additional expense. Buyer shall be responsible for any additional shipping charges incurred by Seller due to Buyer's changes in shipping or product specifications.
3. **Buyer Responsibility and Acceptances.** Buyer, and user, if different, through their own analysis and testing are solely responsible for making the final selection of Products and assuring that all performance, endurance, maintenance, safety and warning requirements are met. User must analyze all aspects of the application in the field and follow applicable industry standards and Product information. Adequate testing in actual service conditions must be carried out by Buyer and/or user to establish definite suitability for end use. If Seller suggests Products for an application based on data, drawings, designs, diagrams, specifications or other communications ("Information") provided by Buyer or user, then Buyer and user are responsible for determining that the Information is suitable for use of the Product in the application. Submission of an order for production quantities of a Product following receipt of a final version of a prototype is (a) Buyer's acceptance of the prototype as meeting all of Buyer's requirements as set out in the Information supplied by Buyer and, (b) Buyer's acceptance of the Products based on the prototype, provided the Products are manufactured within Seller's standard tolerances.
4. **Returns, Cancellations and Changes.** Returns shall not be accepted.

Orders shall not be subject to cancellation or change by Buyer for any reason, except with Seller's written consent on terms which protect Seller from any loss. Seller may change product features, specifications, designs and availability with notice to Buyer.

5. **Claims.** Buyer shall promptly inspect all Products upon delivery. No claims for corrections or deductions from invoices will be allowed unless reported to Seller within 30 days of delivery.
6. **Contingencies.** Seller shall not be liable for any default or delay in performance if caused by circumstances beyond the reasonable control of Seller.
7. **Warranty.** Seller warrants that the Products sold hereunder shall be free from defects in material or workmanship for a period of twelve months from the date of delivery to Buyer. This warranty is made only to Buyer and does not extend to anyone to whom Products are sold after purchased from Seller. The prices charged for Seller's products are based upon the exclusive limited warranty stated above, and upon the following disclaimer: **DISCLAIMER OF WARRANTY:** This warranty comprises the sole and entire warranty pertaining to Products. Seller disclaims all other warranties, express and implied, including merchantability and fitness for a particular purpose.
8. **Limitation of Liability.** For a period of 30 days from delivery Seller will, upon notification, at its option, repair or replace a defective product, or refund the purchase price. In no event shall Seller be liable to Buyer for any special, indirect, incidental or consequential damages arising out of, or as the result of, the sale, delivery, non-delivery, servicing, use or loss of use of the Products or any part thereof, or for any charges or expenses of any nature incurred without Seller's written consent, even if Seller has been negligent, whether in contract, tort or other legal theory. In no event shall Seller's liability under any claim made by Buyer exceed the purchase price of the Products.
9. **Improper Use and Indemnity.** Buyer shall indemnify, defend, and hold Seller harmless from any claim, liability, damages, lawsuits, and costs (including lawyer's fees), whether for personal injury, property damage, patent, trademark or copyright infringement or any other claim, brought by or incurred by Buyer, Buyer's employees, or any other person, arising out of: (a) improper selection, improper application or other misuse of Products purchased by Buyer; (b) any act or omission, negligent or otherwise, of Buyer; (c) Seller's use of Information furnished by Buyer to manufacture Products; or (d) Buyer's failure to comply with the Terms and Conditions. Seller will not indemnify Buyer under any circumstances except as otherwise provided.
10. **Limitation on Assignment.** Buyer may not assign its rights or obligations under this agreement without the prior written consent of Seller.
11. **Entire Agreement.** This agreement contains the entire agreement between the Buyer and Seller with respect to the subject matter of this agreement and supersedes all prior agreements, understandings, negotiations and discussions whether written or not.
12. **Waiver.** Failure to enforce any provision of this agreement will not waive the provision nor prejudice Seller's right to enforce the provision in the future.
13. **Governing Law.** This agreement shall be governed by and construed in accordance with the laws of the State of New Hampshire.





The Novaflex Group® is a privately held company committed to continuous advancement in hose and connector solutions. The Novaflex Group is a market leader through excellence in product innovation and design. Novaflex has one of the broadest product ranges available in the hose and ducting marketplace, as well as for HVAC, Commercial Exhaust Venting Systems, Industrial Venting and Hose Industries. Products are sold in industries across North America and around the world.



#### **Canada**

##### **Ajax, Ontario**

Tel: 905.686.5200

Fax: 905.686.8349

#### **U.K.**

##### **Bromborough, Wirral**

Tel: 44(0)151.334.0873

Fax: 44(0)151.334.7145

[sales@novaflex.co.uk](mailto:sales@novaflex.co.uk)

#### **U.S.A.**

##### **West Berlin, NJ**

Tel: 856.768.2275

Fax: 856.768.2385

1.800.225.0215

##### **Indianapolis, IN**

Tel: 317.334.1444

Fax: 317.334.1535

1.800.526.6288

##### **Burlington, NC**

Tel: 336.578.2161

Fax: 336.578.5554

1.800.334.4270

[www.novaflex.com](http://www.novaflex.com) Email: [sales@novaflex.com](mailto:sales@novaflex.com)

ver 10. 2012