Food & Beverage Hoses
Dairy and Foodstuffs

Nitrile Food Suction & Discharge Hose
Novaflex 6300
Recommended for food transfer applications that demand both flexibility and ruggedness. Excellent for suction and discharge applications. Designed with a clean white FDA tube that is resistant to animal and vegetable fats. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness, with smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

Construction:
Tube: FDA white nitrile. Reinforcement: Multiple plies of synthetic textile with helix wire. Cover: Blue nitrile. Length: 100 ft. WP 150 psi. Temperature Range: 40°F (-40° C) to +210°F (+99° C) (Cleaning In Place to 248°F (+120° C). Not for continuous steam service.

Nitrile Food Suction & Discharge Hose
Novaflex 6301
Recommended for food transfer applications that demand both flexibility and ruggedness. Excellent for discharge applications only. Built with a clean white FDA tube that is resistant to animal and vegetable fats. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

Construction:

Nitrile Food Suction & Discharge Hose
Novaflex 6303
Recommended for food transfer applications that demand both flexibility and ruggedness. Excellent for suction and discharge applications. Designed with a clean white FDA tube that is resistant to animal and vegetable fats. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. The ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

Construction:

Extra Flexible Nitrile Food 150 Suction & Discharge Hose Novaflex 6314WT
Recommended for the food transfer application (oily and non-oily) 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. This ultra smooth microbe resistant tube is built of 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 corrugated. Length: 100 ft. WP 150 psi. Temperature Range: -40°F (-40° C) to +210°F (+99° C). (Cleaning In Place to 248°F (+120° C). Not for continuous steam service. Corrugated available with UHMWP cover “WTU”

Novaflex® has the ideal hose for each medium. Hygienic hoses for grains, powders, flour, dry foods, oil, syrup, dairy, juices, beer, wine, potable water and more.

Novaflex® Beverage and Food Hoses are characterized by reliability, safety; long service life, and easy, trouble free handling.

Novaflex® food hoses are specifically designed for the transportation of beverages and foodstuffs.
EPDM Food Discharge Hose
Novaflex 6401
Recommended for food transfer applications that demand both flexibility and ruggedness. Excellent for non-oily transfer and discharge applications. The food grade EPDM tube is built with a clean white FDA tube. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.
Construction:
Tube: FDA white EPDM (non-oily applications). Reinforcement: Multiple plies of synthetic textile. Cover: Blue EPDM. Length: 100 ft. WP 250 psi. Temperature Range: -40°F (-40°C) to +225°F (+116°C) (Cleaning In Place to 248°F (+120°C). Not for use with steam.

Extra Flexible Food 150 Suction
Novaflex 6430WE
Recommended for the food transfer applications that demand 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:

Extra Flexible Food Suction & Discharge Hose
Novaflex 6230WG
A natural rubber food hose with a clean white FDA tube, for non-oily transfer applications that require flexibility.
Construction:
Tube: White FDA natural rubber. Reinforcement: Multiple plies of polyester tire cord with helix wire. Cover: Blue EPDM corrugated. Length: 100 ft. WP 150 psi. Temperature Range: -40°F (-40°C) to +160°F (+71°C)
**Brewery, Winery and Distillery**

**Connoisseurs Food & Beverage Hose**  
**Novaflex 6506**  
Special kink and crush resistant suction and discharge hose, designed for those more demanding applications. Meets temperatures and chemical resistance associated with “cleaning in place” systems. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. This ultra smooth microbe resistant tube is built for non-oily applications, on special stainless steel mandrels for cleanliness. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non-oily applications)  
- Reinforcement: Multiple plies of synthetic textile & dual monofilament helix  
- Cover: Grey EPDM abrasion resistant  
- Length: 100 ft  
- WP: 250 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.

**Connoisseurs Food & Beverage Suction and Discharge Hose**  
**Novaflex 6500**  
Meets the food processing industries demanding applications. Built in a variety of hose constructions utilizing a white chlorobutyl tube for non-oily applications that will not impart taste or odour. This microbe resistant tube is built on stainless steel mandrels for cleanliness. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non oily applications)  
- Reinforcement: Multiple plies of synthetic textile with helix wire (microbe resistant)  
- Cover: Grey EPDM  
- Length: 100 ft  
- WP: 150 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.

**Brewery Discharge Hose**  
**High Pressure, Superior Quality**  
**Novaflex 6502**  
Special construction provides maximum flexibility and ease of handling. A durable hose resistant to accidental run over. Ideal for processing beer, wine, and spirits, etc. The special smooth chlorobutyl bacteria resistant tube is designed for non-oily applications will not impart odour or taste. Meets REACH, ADI, FDA, USDA & 3A (Cert# 1803) sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non-oily applications)  
- Reinforcement: Multiple plies of synthetic textile  
- Cover: Red EPDM  
- Length: 100 ft  
- WP: 350 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.

**NovaBrew™**  
**Novaflex 6507NB**  
A state of the art designed hose based on the specific requirements of today’s modern breweries. NovaBrew™ has a rugged but flexible construction with a super, smooth white microbe resistant chlorobutyl tube, for non-oily applications, a dark burgundy red cover that resists dirt scuffs and is easily cleaned. NovaBrew™ is built on special stainless steel mandrels for maximum cleanliness and meets the requirements of FDA, USDA, CFIA & 3-A (Cert# 1376).  
**Construction:**  
- Tube: White chlorobutyl (non oily applications)  
- Reinforcement: Multiple plies of polyester tire cord, dual monofilament helix rods  
- Working Pressure: 250 psi  
- Full vacuum rated through 3” ID.  
- Size (ID): 3/4” to 4”  
- Cover: Dark burgundy EPDM  
- Length: 100 ft  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Can be open end steam cleaned.

**Brewery Discharge Hose**  
**Novaflex 6501**  
Same high quality hose as Novaflex 6500. Designed to handle non-oily applications only. The multi-ply construction provides excellent resistance to kinking. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (microbe resistant non-oily applications)  
- Reinforcement: Multiple plies of synthetic textile  
- Cover: Grey EPDM  
- Length: 100 ft  
- WP: 150 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.

**Brewery Discharge Hose**  
**Novaflex 6503WB**  
This specially designed higher pressure resistant hose is extremely flexible and lightweight. An ideal long service life solution for beverage applications such as soft drinks, fruit juices, beer, wine and spirits, etc. The lining is plasticizer-free, smooth for optimal flow, and resistant to conventional cleansing agents for trouble free CIP processing. The hose is built on stainless steel mandrels for cleanliness. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non-oily applications)  
- Reinforcement: Helix wire and multiple plies of synthetic textile  
- Working Pressure: 150 psi  
- Vacuum rated through 3” ID.  
- Size (ID): ¾” to 4”  
- Cover: Dark burgundy EPDM abrasion resistant  
- Length: 100 ft  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Can be open end steam cleaned.

**Connoisseurs Food & Beverage Hose**  
**Novaflex 6506**  
Meets the food processing industries demanding applications. Built in a variety of hose constructions utilizing a white chlorobutyl tube for non-oily applications that will not impart taste or odour. This microbe resistant tube is built on stainless steel mandrels for cleanliness. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non oily applications)  
- Reinforcement: Multiple plies of synthetic textile & dual monofilament helix  
- Cover: Grey EPDM  
- Length: 100 ft  
- WP: 250 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.

**NovaBrew™**  
**Novaflex 6507NB**  
A state of the art designed hose based on the specific requirements of today’s modern breweries. NovaBrew™ has a rugged but flexible construction with a super, smooth white microbe resistant chlorobutyl tube, for non-oily applications, a dark burgundy red cover that resists dirt scuffs and is easily cleaned. NovaBrew™ is built on special stainless steel mandrels for maximum cleanliness and meets the requirements of FDA, USDA, CFIA & 3-A (Cert# 1376).  
**Construction:**  
- Tube: White chlorobutyl (non oily applications)  
- Reinforcement: Multiple plies of polyester tire cord, dual monofilament helix rods  
- Working Pressure: 250 psi  
- Full vacuum rated through 3” ID.  
- Size (ID): 3/4” to 4”  
- Cover: Dark burgundy EPDM  
- Length: 100 ft  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Can be open end steam cleaned.

**Connoisseurs Discharge Hose**  
**Novaflex 6501**  
Same high quality hose as Novaflex 6500. Designed to handle non-oily applications only. The multi-ply construction provides excellent resistance to kinking. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non-oily applications)  
- Reinforcement: Multiple plies of synthetic textile  
- Cover: Grey EPDM  
- Length: 100 ft  
- WP: 150 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.

**Brewery Discharge Hose**  
**High Pressure, Superior Quality**  
**Novaflex 6502**  
Special construction provides maximum flexibility and ease of handling. A durable hose, resistant to accidental run over. Ideal for processing beer, wine, and spirits, etc. The special smooth chlorobutyl bacteria resistant tube is designed for non-oily applications will not impart odour or taste. Meets REACH, ADI, FDA, USDA & 3A (Cert# 1803) sanitary standards Authorized #1376.  
**Construction:**  
- Tube: White chlorobutyl (non-oily applications)  
- Reinforcement: Multiple plies of synthetic textile  
- Cover: Red EPDM  
- Length: 100 ft  
- WP: 350 psi  
- Temperature Range: $-40^\circ F$ to $+240^\circ F$ ($-40^\circ C$ to $+116^\circ C$)  
(Cleaning In Place to $248^\circ F$ ($+120^\circ C$). Not for continuous steam service.
Extra Flexible Connoisseurs Food & Beverage Hose Suction & Discharge

Novaflex 6514WB

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. Meets FDA, USDA, and 3-A Sanitary Standards Authorized (#1376). Resistant to CIP solutions. This ultra smooth microbe resistant tube is built of special stainless steel mandrels for cleanliness.

Construction:

UHMW Tube Food Suction & Discharge Hose Novaflex 6403

Recommended for special applications that require smooth, easy to clean, non-porous, and a low friction performance inner lining for the optimal transfer of food products. The plasticizer-free lining is odourless and tasteless and suitable for a wide range of applications in the food and beverage industries. The lining will resist the harshest of cleaning agents and CIP process, also alcohol concentrations to 99%. This ultra smooth microbe resistant lining is built on special stainless steel mandrels for cleanliness. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized (#1376).

Construction:

Connoisseurs Wine Hose

Novaflex 6505

Special kink and crush resistant hose, designed utilizing a multiply construction with dual special monofilament helix rods. Designed to meet the demands of “CIP” or “cleaning in place” processes. Ultra smooth microbe resistant tube is built for non-oily applications on special stainless steel mandrels for cleanliness. Meets FDA, USDA, CFIA & 3-A (Cert#1376).

Construction:

Extra Flexible White UHMW Tube Food Suction & Discharge Hose

Novaflex 6433CU

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 whit FDA ultra high molecular weight polyethylene grade tube. This food grade tube is odourless 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:

Extra Flexible Connoisseurs Food & Beverage Hose Suction & Discharge

Novaflex 6515WB

Special highly flexible suction and discharge 250 psi hose, designed for those more demanding applications requiring a products that meets FDA, USDA, and 3-A Sanitary Standards Authorized (#1376). Designed to meet the temperature 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:

Prior to any application please read the following information carefully. This brochure is designed as a guide to select the correct food hose for the correct application. It may contain warnings, reference directions and directions for the safe use of industrial hose. For complete care and maintenance, please refer to the Novaflex® Correct Care and Maintenance Guide form no 2003-1. (www.novaflex.com). All guidelines should be clearly understood before specifying or using any Novaflex® product. Failure to follow recommended application information and procedures may result in premature failure, resulting in bodily injury or property damage. Contact Novaflex® or your local Novaflex® distributor for assistance.

It is impossible to test Novaflex® products under all of the conditions to which they might be subjected in the field. It is therefore the buyer and/or end users’ responsibility to test all products under conditions that duplicate service conditions prior to installation. Due to continuous improvements, technical data is subject to change without notice. Please refer to Novaflex® terms and conditions of sale, located at: www.novaflex.com/TermsConditions/
Dry Material Flour & Sugar

**Flour Suction Hose**
**Novaflex 6200**
Designed for the transfer of dry edible food products such as sugar, flour, beans etc. Use of helix wire is recommended for static dissipation. The ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

**Construction:**
- Tube: White FDA natural rubber.
- Reinforcement: Plies of synthetic textile with helix wire.
- Cover: Grey SBR, weather and abrasion resistant synthetic rubber.
- Length: 100 ft.
- WP: 100 psi.
- Temperature Range: -40° F (-40° C) to 160° F (+71° C).

**Flour Discharge Hose**
**Novaflex 6201**
Designed for the transfer of dry edible food products such as sugar, flour, beans and more. The ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

**Construction:**
- Tube: White FDA natural rubber.
- Reinforcement: Plies of synthetic textile with static wire.
- Cover: Grey SBR, weather and abrasion resistant rubber.
- Length: 100 ft.
- WP: 100 psi.
- Temperature Range: -40° F (-40° C) to 160° F (+71° C).

Food Grade PVC Hose & Tubing

**Potable Water PVC Tubing**
**Heavy Duty Novaflex Series 150**
Clear vinyl FDA PVC tubing for use in sink drains, potable water lines, ice boxes and refrigerators. 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 USP Class VI Rated Materials. RoHS Compliant, US Government A-A-52047 Type VI Compliant EU: Meets requirements of UL94 HB burn rating. Temperature Range: +25° F (+4° C) to 150° F (66° C)
- Cover: PVC Clear.
- Length: see coil length.

**Red PVC Braided Hose with Red Trace Yarn**
**Novaflex 162RL**
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.
- Temperature Range: -20° F (-29° C) to +150° F (+66° C)
- WP: pressures drop above 68° F (+20° C)

Novaflex Food & Beverage Hoses are subject to rigorous hygienic regulations and specifications of differing global markets. These long service life hoses are manufactured with smooth, homogenous plasticiser-free linings that will not impart taste and odour. Ideal for the transfer of milk, fruit juices, soft drinks, beer, spirits, including dry and moist bulk foodstuffs. Because these hoses are manufactured on ultra smooth stainless steel mandrels, consistent tolerances, greater adhesion among hose components, optimal flow, and cleanliness is ensured.
NovaFlex® Food & Beverage Hoses

**Potable Water**

**Potable Water Discharge Hose Novaflex 6284**
Used by municipalities for temporary drinking water lines when water mains burst. The ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

**Construction:**
Tube: White FDA neoprene rubber. (Also available in SBR tube). Reinforcement: Plies of synthetic textile. Cover: Blue weather and abrasion resistant EPDM rubber. Length: 100 ft. WP 125-250 psi. Temperature Range: -40° F (-40° C) to 180° F (+82° C)

**Potable Water Suction Hose Novaflex 6285**
Construction:

**Potable Water Suction & Discharge Hose Novaflex 6286**
200 psi working pressure hose that has a FDA plastic tube or for drinking water, along with FDA requirements under 21 CFR 177.1520. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

**Construction:**

**Hot Water Wash-down Hose Novaflex 2145**
Oil resistant non-marking cover. An excellent, long lasting wash-down hose designed for the rugged requirement found in the food processing industry. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

**Construction:**

**Heavy Duty Hot Water Wash-down Hose Novaflex 2151**
Designed to meet the rugged wash-down applications in the food processing industry. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

**Construction:**

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

**Novaflex Hoses** for the food and beverage industry are precisely constructed featuring a specialized ultra smooth microbe resistant tube that will not impart taste or odour. Hoses are built with smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. Easy to clean. Hoses are resistant to Cleaning In Place solutions.

**Novaflex Food Hoses** meet the major international requirements of: FDA, USDA and 3-A (Certificate #1376), the Canadian Food Inspection Agency (File: N267) regulations and comply with REACH and ADI.
Novaflex® Food and Beverage Hoses
Designed to Meet the Food and Beverage Industries Most Demanding Applications

Featuring premium white, ultra smooth homogenous, and plasticizer-free linings that do not impart odours or taste. These microbe resistant linings are built on specialized equipment for hygienic purposes and are subjected to rigorous international specifications and norms.

Novaflex® hoses are designed to meet the most challenging and demanding applications in the exacting cleaning cycles required in the food and beverage processing industry. Novaflex’s precision constructed hoses provide clean, robust, worry-free service for the most diverse processing and transfer operations. Hoses are highly functional and designed to meet both stringent safety standards as well as ease of operation.

Novaflex® food hoses meet European standards REACH and ADI. International standards: FDA, USDA and 3-A (Certificate #1376), Canadian Food Inspection Agency (File: N267) regulations, and are resistant to Cleaning In Place solutions.

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