



# 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: 10 Bar. Temperature Range: -40° to +99°C. (Cleaning In Place to +120°C). Not for continuous steam service.



### Nitrile Food 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. 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:

Tube: FDA white nitrile. Reinforcement: Multiple plies of synthetic textile. Cover: Blue nitrile. Length: 100 ft. WP: 17 Bar. Temperature Range: -40°C to +99°C. (Cleaning In Place to +120°C). Not for continuous steam service.

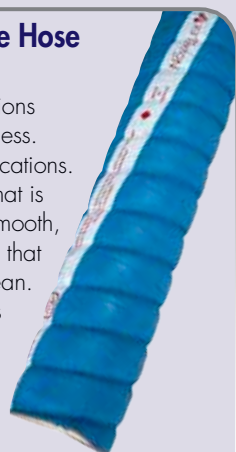


### Nitrile Food Suction & Discharge Hose Novaflex 6303

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:

Tube: White FDA Nitrile. Reinforcement: Multiple plies of synthetic textile with helix. Cover: Blue Nitrile. Length: 100 ft. WP: 10 Bar. Temperature Range: -40°C to +99°C. (Cleaning In Place to +120°C). Not for continuous steam service.



### The Guernsey Novaflex 6206

An ideal lightweight, highly flexible easy handling suction and delivery hose for the reliable safe use in milk management applications such as; milk collection, discharging tankers & transport, dairy unloading, and in-plant processing. Smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. This smooth white natural rubber tube will not propagate bacterial growth. Easy to clean. Resistant to commonly used cleaning products. Abrasion resistant SBR cover also resists UV and Ozone. Complies with FDA, USDA, 3A, REACH, and ADI guidelines.

#### Construction:

Tube: White FDA natural rubber. Reinforcement: Plies of synthetic textile with helix wire. Cover: SBR corrugated blue high grade weather and abrasion resistant synthetic rubber. Length: 100 ft. WP: 6 Bar. Suction .9 Bar. Temperature Range -40°C to +71°C



**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.



# NovaFlex® Food & Beverage Hoses

## Dairy and Foodstuffs

### Nitrile Food Crush Resistant Suction & Discharge Hose

#### Novaflex 6309

This kink and crush resistant suction and discharge hose is recommended for food transfer applications that demand both flexibility and ruggedness. Excellent for suction and discharge applications. Built with a clean white FDA tube that is resistant to animal and vegetable fats; featuring 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:

Tube: NBR/White. Reinforcement: 2 ply fabric reinforced, and dual monofilament helix. Cover: Blue NBR. Length: 100 ft. Temperature Range: -40°C to +93°C. WP: 10 Bar. Sizes 1" through 3" rated full vacuum. 4" rated to .7 Bar. Not for continuous steam service.



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

#### Novaflex 6310

Kink and crush resistant. Recommended for food transfer that demands both flexibility and ruggedness. Excellent suction and discharge hose for those oily transfer applications. Features a clean white FDA tube. The food grade nitrile tube features smooth, homogeneous and plasticizer-free linings that will not impart taste or odour. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness. Easy to clean. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

#### Construction:

Tube: FDA White nitrile. Reinforcement: fabric reinforced, and plastic monofilament helix. Cover: Blue NBR. Length: 100 ft. Temperature Range: -40°C to +93°C. Sizes 1" through 3" rated full vacuum. 4" rated to .7 Bar. Not for continuous steam service.



### EPDM Food Suction & Discharge Hose

#### Novaflex 6400

Flexible and rugged, built with a clean white FDA tube. This food grade EPDM hose is excellent for suction and discharge and non-oily transfer applications. Ideal for a wide range of applications including; beer, fruit juices, soft drinks and applications with above average temperatures. 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. Suitable for aggressive cleaning conditions (CIP). Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

#### Construction:

Tube: FDA white EPDM (non oily applications). Reinforcement: Multiple plies of synthetic textile with wire helix. Cover: Blue EPDM (Also available in red based on application). Length: 100 ft. WP: 10 Bar. Temperature Range: -40°C to +116°C. Not for continuous steam service.



### 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: 17 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°C). Not for use with steam.



### 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 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: Black SBR, weather and abrasion resistant synthetic rubber. Length: 100 ft. WP: 7 Bar. Temperature Range: -40°C to +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: Black SBR, weather and abrasion resistant rubber. WP: 7 Bar. Length: 100 ft. Temperature Range: -40°C to +41°C.



## Dairy and Foodstuffs



### 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:

Tube: FDA UHMW - odour and tasteless (non-oily applications).  
Reinforcement: Multiple plies of synthetic textile with helix wire.  
Cover: Blue EPDM. Length: 100 ft. WP: 14 Bar. Temperature Range: -40°C to +100°C. (Cleaning In Place to +120°C). Not for use with steam.



## Brewery and Distillery

### Brewery Discharge Hose Novaflex 6503WB

This specially designed higher pressure resistant hose is extremely flexible and light-weight. 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:

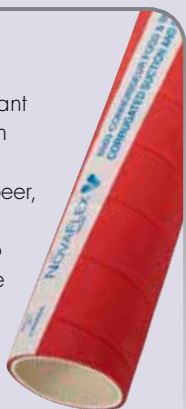
Tube: White chlorbutyl (non-oily applications). Reinforcement: Helix wire and multiple plies of synthetic textile. Cover: Red EPDM. Length: 100 ft. WP: 16 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°C). Not for continuous steam service.

### Connoisseurs Food & Beverage Suction & Discharge Hose Novaflex 6503WE

Extremely flexible and lightweight connoisseur food hose designed to meet the food processing industries most demanding applications. Extensively used by breweries worldwide. Constructed with an ultra smooth microbe resistant EPDM tube & built on special stainless steel mandrels for cleanliness. Available in a variety of hose constructions that will not impart taste or odour. Ultra flexible for ease of handling. Meets REACH and ADI, FDA, USDA, 3-A Sanitary Standards Authorized (#1376), and also Canadian Food Inspection Agency (CFIA) requirements. Resistant to CIP solutions.

#### Construction:

Tube: EPDM. Reinforcement: Multiple plies of synthetic textile with helix wire (microbe resistant). Cover: Red EPDM. Length: 100 ft. WP: 10 Bar. Temperature Range: -40° C to 116°C. (Cleaning In Place to 120°C). Not for continuous steam. Resistant to CIP solutions.



### 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 chlorbutyl 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: Red EPDM. Length: 100 ft. WP: 10 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°C). Not for continuous steam service.





# NovaFlex® Food & Beverage Hoses

## Brewery and Distillery

### 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 chlorbutol (microbe resistant (non oily applications)). Reinforcement: Multiple plies of synthetic textile. Cover: Red EPDM. Length: 100 ft. WP: 17 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°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 chlorbutol 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 chlorbutol (non-oily applications). Reinforcement: Multiple plies of synthetic textile. Cover: Red EPDM. Length 100 ft. WP: 24 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°C). Not for continuous steam service.



### Novaflex Food & Beverage Hoses

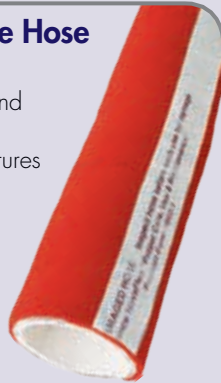
are subject to rigorous hygienic regulations and specifications of differing global markets. These long service life hoses are manufactured with smooth, homogenous plasticiser-free linings that will not impart taste and odour. Ideal for the transfer of milk, fruit juices, soft drinks, beer, spirits, 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.

### 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 Chlorbutyl (non oily applications). Reinforcement: Multiple plies of synthetic textile & dual monofilament helix. Cover: Red EPDM abrasion resistant. Length: 100 ft. VVP: 10 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°C). Not for continuous steam service.



### The Spirit UHMW Tube EPDM Food Suction & Discharge Hose Novaflex 6404CU

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, and alcohol concentrations to 99%. This ultra smooth microbe resistant lining is built on special stainless steel mandrels for cleanliness. The special construction is a lightweight and more flexible solution to similar competitive constructions. Meets REACH, ADI, FDA, USDA & 3A sanitary standards Authorized #1376.

#### Construction:

Tube: FDA UHMW - odour and tasteless (non-oily applications) Reinforcement: Multiple plies of synthetic textile with helix wire. Cover: Red EPDM. Length: 100 ft. WP: 14 Bar. Temperature Range: -40°C to +116°C. (Cleaning In Place to +120°C). Not for use with steam.



## 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. Length: 100 ft. Temperature Range: -40°C to +82°C



### Potable Water Suction Hose

#### Novaflex 6285

#### Construction:

Tube: White FDA neoprene rubber (Also available in SBR tube)  
Reinforcement: Plies of synthetic textile with helix wire. Cover: Smooth blue weather and abrasion resistant EPDM rubber. Length: 100 ft. WVP: 17 Bar. Temperature Range: -40°C to +82°C

### NSF Potable Water Discharge Hose

#### Novaflex 6286

200psi working pressure hose that meets NSF Standard 61 for drinking water. 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: Special FDA plastic tube. Reinforcement: Multiple plies of synthetic textile and dual helix. Cover: Blue EPDM. WVP: 14 Bar. Temperature Range: -40°C to +82°C



**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.

## Washdown Hose

### 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:

Tube: White EPDM. Reinforcement: Synthetic textile. Cover: White Nitrile (Also available in blue). Length: 100 ft. WVP: 17 Bar. Temperature Range: -30°F (-35°C) to +210°F (+99°C). (Not rated for steam).



### 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:

Tube: White EPDM (Also available in blue).  
Reinforcement: Multiple layers of cord.  
Cover: White EPDM non marking. Length: 100 ft.  
WVP: 20 Bar. Temperature Range: -40° (-40°C) to +212°F (+100°C).  
Not rated for steam.



# NovaFlex® Food & Beverage Hoses

*Prior to any application please read the following information carefully.*

This brochure is designed as a guide for selecting 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](http://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 defer to Novaflex terms and conditions of sale, located at: [www.novaflex.com/TermsConditions/](http://www.novaflex.com/TermsConditions/)



## Proper Care Use & Maintenance

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

### Hose Coupling

Use Coupling Manufacturer's recommendations for attachment, application and testing procedures. 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. Always err on the side of safety. Remove a hose from service if there is any doubt about its serviceability.

## 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.

- Always consult the Novaflex® Chemical Resistance Chart to verify chemical compatibility. (See: [www.novaflex.com](http://www.novaflex.com))
- 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 (+52° C) are applicable, please consult Novaflex®.





# 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.

### U.K.

#### BROMBOROUGH, WIRRAL, U.K.

Tel 44.(0)151.334.0873

Fax 44.(0)151.334.7145

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

### CANADA

#### AJAX, ONTARIO

Tel 905.686.5200

Fax 905.686.8349

#### MONTREAL, QUEBEC

Tel 514.697.3701

Fax 514.697.3767

#### CALGARY, ALBERTA

Tel 403.277.3115

Fax 403.276.1309

#### OTTAWA, ONTARIO

Tel 613.744.7360

Fax 613.744.7366

#### DELTA, BRITISH COLUMBIA

Tel 604.940.6401

Fax 604.940.6402

#### RICHMOND HILL, ONTARIO

Tel 905.731.9411

Fax 905.731.7086

### U.S.A.

#### HAW RIVER, NORTH CAROLINA

Tel 336.578.2161

Fax 336.578.5554

Toll Free 800.334.4270

#### INDIANAPOLIS, INDIANA

Tel 317.334.1444

Fax 317.334.1535

Toll Free 800.526.6288

#### WEST BERLIN, NEW JERSEY

Tel 856.768.2275

Fax 856.768.2385

Toll Free 800.225.0215

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



ver 03.2014