INFORMACE Food & Beverage

tubing and hose transfer solutions for the food and beverage industry. Both our Butyl and Nitrile Hoses contain pure, smooth liners to allow unrestricted flow, minimizing concerns associated with entrapment and blockage. Both meet FDA standards and contain microberesistant liners that will not impart taste or odor.

XAM

NewAge Industries offers

Our Butyl Hose, constructed with a high purity white chlorobutyl rubber liner, is ideal for non-oily beverage and food applications including potable water, beer, wine and juices. Our Nitrile Hose, made with a high purity white nitrile rubber liner, is suitable for a wide variety of food and beverage applications including potable water, non-alcoholic beverages, juices, oily/fatty or dry bulk foods, milk, and dairy products. Both hoses are rated for full vacuum (29.9 in./Hg) and contain a steel wire helix for reinforcement, making them ideal for suction and discharge applications.

Crimping services are also available, enabling us to provide complete hose assemblies.

Butyl Hose

Beer & Wine Beverage Grade Butyl Hose for Suction & Discharge2 Nitrile Hose

Celebrating

WP - 240° F MAX

D MF38

NAFB-BW-200

Food & Dairy Beverage Grade Nitrile Hose for Suction & Discharge**3**

Applications

Beer Brewing
 Beverage Delivery
 Beverage Transfer Lines
 Dairy Processing
 Draft Lines
 Juices
 Milk Production
 Non-alcoholic Beverages
 Oily/Fatty Dry Bulk Foods
 Potable
 Water
 Suction & Discharge
 More

Butyl Hose



Beer & Wine Beverage Grade Butyl Hose for Suction & Discharge Applications



Ultra smooth, white, chlorobutyl rubber liner offers high purity and allows unrestricted flow; minimizing entrapment and blockage concerns

- Microbe-resistant liner is built on stainless steel mandrels for cleanliness and will not impart taste or odor
 - Meets FDA and Canadian Food Inspection Agency (file: N267) standards
 - Butyl compound used is free of animal-derived ingredients
 - Multi-layered and reinforced with a helix wire, making it ideal for suction and discharge applications
- Rated for full vacuum (29.9 in./Hq.)
- Works best in non-oily beverage and food applications including potable water, beer, wine, and juices
- Available in bulk quantities or as complete hose assemblies
- Offered with standard BPE Stainless Steel Tri-Clamp[®] fittings, collars and clamps
- Clean In Place to 248°F (120°C). Not intended for continuous steam service.

| PART NO. | ID (IN.) | OD (IN.) | VACUUM RATING (IN./Hg.) | BEND RADIUS (IN.) | LBS. PER FT. |
|--------------|-------------|-------------|-------------------------------|-------------------------|--------------------|
| NAFB-BW-1500 | 1-1/2 | 2.05 | `29.9ັ´ | ` 6 ´ | 0.95 |
| NAFB-BW-2000 | 2 | 2.55 | 29.9 | 8 | 1.18 |
| NAFB-BW-3000 | 3 | 3.67 | 29.9 | 12 | 2.02 |

Standard coil length is 100 ft. Contact a sales representative for nonstandard coil lengths and information on assemblies.

Recommended Fittings & Clamps

| FITTINGS FOR NA | FB-BW-1500 – 1-1/2" I.D. BUTYL HOSE |
|-----------------|--|
| PART NO. | DESCRIPTION |
| 10R-24R | TRI-CLAMP 304 SS |
| 91U-24 | 304 SS COLLAR |
| | |
| FITTINGS FOR NA | FB-BW-2000 – 2" I.D. BUTYL HOSE |
| PART NO. | FB-BW-2000 – 2" I.D. BUTYL HOSE DESCRIPTION |
| PART | |

Notes

Construction Liner: White FDA Butyl rubber Reinforcement: Multiple plies of polyester with helix wire Wire: Steel helix Outer Cover: Green EPDM rubber

Fitting Styles Available

Tri-Clamp®

Collars Hinge Clamps

All recommended fittings, collars, hinge clamps and accessories are made from 300 series stainless steel.

Physical Properties**

| Minimum Operating Temp., °F | -40 |
|--------------------------------------|---------|
| Maximum Oprating Temp., °F | 240 |
| Working Pressure at 70 °F (21.1°C) | 150 psi |
| Max Burst Pressure at 70 °F (21.1°C) | 600 psi |

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.





Nitrile Hose

Food & Dairy Beverage Grade Nitrile Hose for Suction & Discharge Applications

- Ultra smooth, white, nitrile rubber inner surface offers high purity and allows unrestricted flow, minimizing entrapment and blockage concerns
- Microbe-resistant liner is built on stainless steel mandrels for cleanliness and will not impart taste or odor.
- Meets FDA and Canadian Food Inspection Agency (file: N267) standards
- Nitrile compound used is free of animal-derived ingredients
- More flexible than other rubber food and beverage hoses of similar construction
- Abrasion-resistant nitrile compound cover is lightweight yet durable
- Multi-layered and reinforced with a wire helix, making it ideal for suction applications or discharge applications such as tank cleaning
- Rated for full vacuum (29.9 in./Hg.)
- Odorless and tasteless, making it suitable for a wide variety of food and beverage applications including potable water, non-alcoholic beverages, juices, oily/fatty or dry bulk foods, milk, and dairy products
- Available in bulk quantities or as complete hose assemblies
- Offered in a range of popular sizes
- Clean In Place to 248°F (120°C). Not intended for continuous steam service.
- Offered with standard BPE Stainless Steel Tri-Clamps[®], male and female cams, fittings, collars and clamps

| PART NO. | ID (IN.) | OD (IN.) | VACUUM RATING (IN./Hg.) | BEND RADIUS (IN.) 4 | LBS. PER FT. 0.68 |
|--------------|-------------|-------------|-------------------------------|------------------------------|----------------------------|
| NAFB-NW-1000 | 1 | 1.54 | 29.9´´ | 6 | 0.98 |
| NAFB-NW-1500 | 1-1/2 | 2.04 | 29.9 | 8 | 1.26 |
| NAFB-NW-2000 | 2 | 2.54 | 29.9 | 9 | 1.76 |
| NAFB-NW-2500 | 2-1/2 | 3.13 | 29.9 | 12 | 2.06 |
| NAFB-NW-3000 | 3 | 3.60 | 29.9 | 16 | 2.73 |
| NAFB-NW-4000 | 4 | 4.60 | 29.9 | | |

Standard coil length is 100 ft. Contact a sales representative for nonstandard coil lengths and information on assemblies.



Notes

Construction

Liner: White FDA Nitrile rubber Reinforcement: Multiple plies of polyester with helix wire Wire: Steel helix Cover: Gray Nitrile rubber

Fitting Styles Available

Tri-Clamp®

- Male Cam & Groove
- Female Cam
- Collars
- Hinge Clamps

All recommended fittings, collars, hinge clamps and accessories are made from 300 series stainless steel.

Physical Properties**

| Minimum Operating Temp., °F | -40 |
|--------------------------------------|---------|
| Maximum Oprating Temp., °F | 210 |
| Working Pressure at 70 °F (21.1°C) | 150 psi |
| Max Burst Pressure at 70 °F (21.1°C) | 600 psi |

**Values listed are typical for the material used in manufacture, except where noted, and are meant only as a guide to aid in design. Field testing should be performed to find the actual values for your application.



Nitrile Hose

| Recommended | Fittinas | & | Clamps |
|-------------|-----------------|---|--------|
| | | | |

| FITTINGS FOR | NAFB-NW-1000 - 1" I.D. NITRILE HOSE | FITTINGS FOR N | AFB-NW-1500 - 1-1/2" I.D. NITRILE HOSE |
|--------------|-------------------------------------|----------------|---|
| PART NO. | DESCRIPTION | PART NO. | DESCRIPTION |
| 10S-16R | TRI-CLAMP 316 SS 3A | 10S-24R | TRI-CLAMP 316SS 3A |
| 18S-16R | MALE CAM & GROOVE 316 SS | 18S-24R | MALE CAM & GROOVE 316 SS |
| 23S-16R | FEMALE CAM 316 SS | 23S-24R | FEMALE CAM 316 SS |
| 26S-16R | MALE I-LINE 316 SS 3A | 26S-24R | MALE I-LINE 316 SS 3A |
| 27S-16R | FEMALE I-LINE 316 SS 3A | 27S-24R | FEMALE I-LINE 316 SS 3A |
| 37S-16R | TUBE WELD 316 SS 3A | 37S-24R | TUBE WELD 316SS 3A |
| 80S-16 | 304 SS COLLAR | 80S-24 | 304 SS COLLAR |
| FITTINGS FOR | NAFB-NW-2000 – 2" I.D. NITRILE HOSE | FITTINGS FOR N | AFB-NW-2500 – 2-1/2" I.D. NITRILE HOSE |
| PART | | PART | |
| NO. | DESCRIPTION | NO. | DESCRIPTION |
| 10S-32R | TRI-CLAMP 316 SS 3A | 10S-40R | TRI-CLAMP 316 SS 3A |
| 18S-32R | MALE CAM & GROOVE 316 SS | 18S-40R | MALE CAM & GROOVE 316 SS |
| 23S-32R | FEMALE CAM 316 SS | 23S-40R | FEMALE CAM 316 SS |
| 26S-32R | MALE I-LINE 316 SS 3A | 26S-40R | MALE I-LINE 316 SS 3A |
| 27S-32R | FEMALE I-LINE 316 SS 3A | 27S-40B | FEMALE I-LINE 316 SS 3A |

FITTINGS FOR NAFB-NW-3000 - 3" I.D. NITRILE HOSE

304 SS COLLAR

TUBE WELD 316 SS 3A

37S-32R

80S-32

FITTINGS FOR NAFB-NW-4000 - 4" I.D. NITRILE HOSE

304 SS COLLAR

TUBE WELD 316 SS 3A

| 10S-48R TRI-CLAMP 316 SS 3A 10S-64R TRI-CLAMP 316 SS 3A 18S-48R MALE CAM & GROOVE 316 SS 18S-64R MALE CAM & GROOVE 316 SS 23S-48R FEMALE CAM 316 SS 23S-64R FEMALE CAM 316 SS |
|--|
| 23S-48R FEMALE CAM 316 SS 23S-64R FEMALE CAM 316 SS |
| |
| |
| 26S-48R MALE I-LINE 316 SS 3A 26S-64R MALE I-LINE 316 SS 3A |
| 27S-48R FEMALE I-LINE 316 SS 3A 27S-64R FEMALE I-LINE 316 SS 3A |
| 37S-48R TUBE WELD 316 SS 3A 37S-64R TUBE WELD 316 SS 3A |
| 80S-48 304 SS COLLAR 80S-64 304 SS COLLAR |

37S-40R 80S-40

More NewAge Industries Food And Beverage Products

PVC Clear Tubing and Braid Reinforced Hose

 NSF certified for food equipment materials (NSF-51) and potable water (NSF-61)

- Crystal clear compound provides full visual flow
- Does not impart taste or odor
- Unreinforced style with antimicrobial properties available

Silicone Tubing and Reinforced Hose



- Odorless, tasteless, and inert
- Ingredients meet USP Class VI, FDA, and NSF-51 requirements
 Handles temperatures ranging from -100°F to 500°F



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145 James Way Southampton, PA 18966 www.newageindustries.com 800-50-NEWAGE (800-506-3924) 215-526-2300 Fax: 800-837-1856 215-526-2190 info@newageindustries.com