



Since 1964

SANITARY HOSE ASSEMBLIES CATALOG



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Supply House to the Processing Industries Since 1964

Trusted supply house of sanitary processing equipment, parts and supplies for the dairy and food, brewery, beverage and pharmaceutical industries.

Harco Enterprises offers a diverse line of sanitary and hygienic processing equipment, parts and supplies including pumps, sanitary valves, separators, homogenizers, gaskets and fittings, sanitary hoses, and instrumentation as well as a variety of other products from world leading manufacturers such as Alfa Laval, Ampco, Tetra Pak, Burkert, Tri-Clover, Remco, Vikan, Carlisle, Haynes, Strahman, and more.

These products are distributed to dairy, food, beverage processing facilities as well as the pharmaceutical, brewing, and fisheries industries throughout North America.

Many of our products are customized in design due to strict sanitary and hygienic standards, and all are built to stand up to the demands of high production environments. Resourcefulness and quick delivery are important to you, and Harco always provides both.

Check out our large collection of equipment, parts and supplies, including our line of color-coded products available.

Visit our website today at www.harcosupply.com

Premium Sanitary Hose Assemblies with a Variety of Fitting Types for Food and Beverage Applications

Are you in the food industry and looking to elevate your sanitary processes? Look no further than our top-of-the-line Sanitary Hose Assemblies, specially designed for the unique demands of the food and beverage sector. At **Harco Enterprises**, we understand that maintaining the highest levels of hygiene and product quality is non-negotiable in the food and beverage business. That's why we offer the most reliable and efficient sanitary hose assemblies with a variety of fitting types to ensure your operations run smoothly and safely.

Why Choose Harco Enterprises Sanitary Hose Assemblies for Food and Beverage?

- 1. Uncompromising Hygiene:** Our sanitary hose assemblies are built with the utmost attention to hygiene. Crafted from FDA-approved materials and designed with smooth, non-porous surfaces, they are easy to clean and prevent bacterial growth, ensuring your product remains untainted.
- 2. Exceptional Durability:** In the food industry, hoses need to withstand rigorous cleaning procedures and extreme temperatures. Our hoses are engineered to handle it all, from hot water washdowns to extreme cold storage conditions, without compromising on performance.
- 3. Product Integrity:** Seal the deal on product safety and quality with our hoses. They are designed to prevent flavor or odor transfer, safeguarding your food products' integrity and taste.
- 4. Precision Fit with Multiple Fitting Types:** Harco Enterprises sanitary hose assemblies are customizable to fit your specific needs. We offer a variety of fitting types, including: **Tri-Clamp, Bevel Seat, DIN, SMS and NPT.**
Whether you require different lengths, connections, or materials, we've got you covered. We provide a perfect fit for your equipment and processes.
- 5. Regulatory Compliance:** We understand the importance of meeting industry standards. Our hoses adhere to all sanitary regulations, making your facility inspection-ready and complaint-free.
- 6. Quick and Easy Installation:** Say goodbye to lengthy downtimes and complicated installations. Our sanitary hose assemblies are designed for easy, tool-free connections, saving you time and money.

Applications

Harcos' sanitary hose assemblies with a variety of fitting types are versatile and suitable for a wide range of applications within the food industry, including: **Dairy & Cheese Production, Beverage Manufacturing, Meat Processing, Brewery Operations, Bakery & Confectionery, Fruit & Vegetable Processing** and more.

At Harco, we're committed to your success. Providing top-quality sanitary hose assemblies with multiple fitting options that keep your food production clean, efficient, and up to industry standards. When you choose our hoses, you're investing in the health and safety of your customers and the reputation of your brand.

Contact us now to discuss your specific requirements, request a quote, or learn more about our comprehensive range of products. Your food safety is our top priority, and we're here to help you achieve it!

DAIRY, FOOD & BEVERAGE HOSES

Food hoses are specifically designed for the transportation of beverages and foodstuffs. Hygienic hoses for grains, powders, flour, dry foods, oil, syrup, dairy, juices, beer, wine, potable water and more.

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, FDA & USDA standards. FDA. ADI Free. REACH Compliant. 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.

- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency.



PART NO.	I.D.	O.D.	MBR (in)	VAC (Hg)	PLIES	WP PSI	WT LBS/FT
6506WB-00750-00	0.75	1.41	3.0	Full	2	250	0.33
6506WB-01000-00	1	1.64	3.5	Full	2	250	0.44
6506WB-01500-00	1.5	2.14	4.5	Full	2	250	0.63
6506WB-02000-00	2	2.77	7.0	Full	4	250	1.21
6506WB-02500-00	2.5	3.29	13.0	Full	4	250	1.52
6506WB-03000-00	3	3.79	16.0	Full	4	250	1.84
6506WB-04000-00	4	4.97	24.0	Full	4	250	4.16

Tube: White Chlorobutyl (non oily applications)

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

Cover: Gray EPDM abrasion resistant.

Temperature Range:

-40°F (-40°C) to +240°F (+116°C)
(Cleaning In Place to 248°F [+120°C])

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. The lining will resist the harshest of cleaning agents and CIP process, also alcohol concentrations to 99%.

- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency



PART NO.	I.D.	O.D.	Max WP psi	Bend Radius	Vacuum HG	WT LBS/FT
6403CU-00750-00	0.75	1.28	200	3.5	29"	0.58
6403CU-01000-00	1	1.55	200	3.5	29"	0.63
6403CU-01500-00	1.5	2.06	200	5	29"	1.06
6403CU-02000-00	2	2.56	200	8	29"	1.33
6403CU-03000-00	3	3.75	200	12	29"	2.12
6403CU-04000-00	4	4.76	200	16	29"	2.83

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

Reinforcement: Multiple plies of polyester tire cord with helix wire.

Cover: Gray EPDM.

* 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.

Temperature Range:

-40°F (-40°C) to +225°F (107°C)
(Cleaning In Place to 248°F [+120°C]).

Novaflex 6300

Nitrile Food 150 Suction & Discharge Hose

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.
- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency



PART NO.	I.D.	O.D.	WP PSI	MBR	WT LBS/FT
6300WT-00750-00	0.75	1.25	150	4	0.4
6300WT-01000-00	1	1.50	150	5	0.5
6300WT-01500-00	1.5	2.00	150	6	0.71
6300WT-02000-00	2	2.50	150	7	0.95
6300WT-03000-00	3	3.52	150	9	1.51
6300WT-04000-00	4	4.52	150	12	1.98

Tube: FDA white nitrile.

Reinforcement: Multiple plies of polyester tire cord with helix wire

Cover: Grey PVC nitrile.

Temperature Range:

-40°F (-40°C) to +210°F (+99°C)
(Cleaning In Place to 248°F (+120°C))

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



Novaflex 6400

EPDM Food 150 Suction & Discharge Hose

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. Suitable for aggressive cleaning conditions (CIP).

- Easy to clean.
- Meets REACH, ADI, FDA, USDA & 3A sanitary standards.
- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency.



PART NO.	I.D.	O.D.	PLIES	WP PSI	MBR	WT LBS/FT
6400WE-00750-00	0.75	1.29	2	150	4	0.4
6400WE-01000-00	1	1.54	2	150	5	0.5
6400WE-01500-00	1.5	2.05	2	150	6	0.71
6400WE-02000-00	2	2.55	2	150	7	0.95
6400WE-03000-00	3	3.67	2	150	12	1.51
6400WE-04000-00	4	4.71	2	150	16	1.98

Tube: FDA white EPDM (non oily applications)

Reinforcement: Multiple plies of polyester tire cord with wire helix

Cover: Gray EPDM.

Temperature Range:

-40°F (-40°C) to +225°F (+107°C)

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.

Novaflex 6500

Connoisseurs Food & Beverage Suction & 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. Meets FDA, USDA, and 3-A Sanitary Standards. Resistant to CIP solutions. This ultra smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency.



PART NO.	I.D.	O.D.	PLIES	Max WP psi	MBR	Vacuum Rating	WT LBS/FT
6500WB-00750-00	0.75	1.29	2	150	4	Full	0.4
6500WB-01000-00	1	1.54	2	150	5	Full	0.5
6500WB-01500-00	1.5	2.05	2	150	6	Full	0.71
6500WB-02000-00	2	2.55	2	150	7	Full	0.95
6500WB-02500-00	2.5	3.14	2	150	8	Full	1.19
6500WB-03000-00	3	3.67	2	150	12	Full	1.51
6500WB-04000-00	4	4.67	2	150	16	Full	1.98

Tube: White chlorobutyl (full vacuum non oily applications)

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

Cover: Gray EPDM.

Temperature Range:

-40°F (-40°C) to +240°F (+116°C)
(Cleaning In Place to 248°F (+120°C))



Novaflex 6314 Extra Flexible

Nitrile Food 150 Suction & Discharge Hose

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. 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.

- Not for continuous steam service.
- Corrugated available with UHMWP cover "WTU" for added abrasion resistance.
- Nova-Glide is an UHMWP cover applied over the rubber cover to provide easy cleaning, low coefficient of friction and added abrasion.



PART NO.	I.D.	O.D.	PLIES	WP PSI	MBR	WT LBS/FT
6314WT-1500-00	1.5	2.05	2	150	2"	1.04
6314WT-2000-00	2	2.55	2	150	3"	1.34
6314WT-2500-00	2.5	3.05	2	150	4"	1.57
6314WT-3000-00	3	3.75	2	150	5"	2.78
6314WT-4000-00	4	4.76	2	150	6.5"	3.82

Nova-Glide Cover

PART NO.	I.D.	O.D.	PLIES	WP PSI	MBR	WT LBS/FT
6314WTU-1500-00	1.5	2.13	2	150	2.5"	1.05
6314WTU-2000-00	2	2.62	2	150	4"	1.75
6314WTU-2500-00	2.5	3.13	2	150	5"	1.58
6314WTU-3000-00	3	3.85	2	150	6.5"	2.91
6314WTU-4000-00	4	4.86	2	150	8.5"	3.92

Tube: FDA white nitrile

Reinforcement: Multiple plies of polyester tire cord with helix wire

Cover: Gray PVC nitrile corrugated

Temperature Range:

-40°F (-40°C) to +210°F (+99°C)
Cleaning in Place to 248°F (+120°C)



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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. Meets FDA, USDA requirements. Designed to meet the demands of "cleaning in process". This ultra smooth microbe resistant tube is built for nonoily applications, on special stainless steel mandrels for cleanliness.

- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency



PART NO.	I.D.	O.D.	MBR (in)	VAC (Hg)	PLIES	WP PSI	WT LBS/FT
6505WB-00750-00	0.75	1.41	3	Full	2	250	0.39
6505WB-01000-00	1	1.64	4	Full	2	250	0.48
6505WB-01500-00	1.5	2.14	5	Full	2	250	0.68
6505WB-02000-00	2	2.77	7	Full	4	250	1.27
6505WB-02500-00	2.5	3.29	13	Full	4	250	1.55
6505WB-03000-00	3	3.79	16	Full	4	250	1.89

Tube: White chlorobutyl (non oily applications)

Reinforcement: Multiple plies of tire cord and dual monofilament helix

Cover: Purple EPDM.

Temperature Range:

-40°F (-40°C) to +240°F (+116°C)
(Cleaning In Place to 248°F (+120°C))



Novaflex 6507NB

NovaBrew™

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.

- Can be open end steam cleaned.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency.
- Full vacuum rated through 3" ID. Size (ID): ¾" to 4".



PART NO.	ID"	OD"	WP psi	MBR	Vacuum	WT lbs/ft
6507NB-00750-00	0.75	1.41	250	4	Full	0.33
6507NB-01000-00	1	1.64	250	4	Full	0.48
6507NB-01500-00	1.5	2.14	250	5	Full	0.65
6507NB-02000-00	2	2.77	250	7	Full	1.26
6507NB-02500-00	2.5	3.29	250	13	Full	1.54

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).
Cleaning in Place to 248° F (+120° C).

Novaflex 6514 Extra Flexible

Connoisseurs Food & Beverage Hose Suction & Discharge

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

- Not for continuous steam service.
- Corrugated available with UHMWP cover.
- Nova-Glide is an UHMWP cover applied over the rubber cover to provide easy cleaning, low coefficient of friction and added abrasion.

Tube: White chlorobutyl (full vacuum non oily applications)

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

Cover: Grey EPDM Corrugated

Temperature Range:
-40°F (-40°C) to +240°F
(+116°C)
Cleaning in Place to 248°F
(+120°C)



PART NO.	I.D.	O.D.	PLIES	WP PSI	MBR	WT LBS/FT
6514WB-01000-00	1	1.50	2	150	3"	0.57
6514WB-01500-00	1.5	2.04	2	150	2"	0.92
6514WB-02000-00	2	2.66	2	150	3"	1.44
6514WB-02500-00	2.5	3.231	2	150	4"	1.97
6514WB-03000-00	3	3.82	2	150	5"	2.97
6514WB-04000-00	4	4.82	2	150	7"	3.84

Nova-Glide Cover

PART NO.	I.D.	O.D.	PLIES	WP PSI	MBR	WT LBS/FT
6514WBU-01000-00	1	1.50	2	150	3"	0.72
6514WBU-01500-00	1.5	2.06	2	150	2.5"	.94
6514WBU-02000-00	2	2.57	2	150	3.5"	1.47
6514WBU-02500-00	2.5	3.12	2	150	5.5"	2.03
6514WBU-03000-00	3	3.71	2	150	6.5"	3.03
6514WBU-04000-00	4	4.79	2	150	8.5"	3.91



Novaflex 6502 (Heavier Design)

High Pressure, Superior Quality

Brewery Discharge Hose

The unique construction of Novaflex 6502 provides maximum flexibility for 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 designed for non-oily products will not impart odor or taste. Meets REACH, ADI, FDA, USDA & 3A sanitary standards.

- Not for continuous steam service.
- Meets or exceeds the requirement of the Canadian Food Inspection Agency.



PART NO.	I.D.	O.D.	PLIES	Max WP psi	MBR	WT LBS/FT
6502WB-00750-00	0.75	1.37	4	350	n/a	.59
6502WB-01000-00	1	1.70	4	350	n/a	.85
6502WB-01500-00	1.5	2.25	4	350	n/a	1.25
6502WB-02000-00	2	2.88	6	350	n/a	1.89
6502WB-02500-00	2.5	3.51	6	350	n/a	2.70
6502WB-03000-00	3	4.04	6	350	n/a	3.45
6502WB-04000-00	4	5.31	6	350	n/a	5.40

Tube: White chlorobutyl (non-oily applications)

Reinforcement: Multiple plies of polyester tire cord

Cover: Red EPDM

Temperature Range:

-40°F (-40°C) to +240°F (116°C)
(Cleaning In Place to 248°F [+120°])

Novaflex 6515 Extra Flexible

Connoisseurs Food & Beverage Hose Suction & Discharge

Special highly flexible suction and discharge hose, designed for those more demanding applications requiring a products that meets FDA, USDA, and 3-A Sanitary Standards. 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.

- Not for continuous steam service.
- Corrugated available with UHMWP cover.
- Nova-Glide is an UHMWP cover applied over the rubber cover to provide easy cleaning, low coefficient of friction and added abrasion.



PART NO.	I.D.	O.D.	PLIES	WP PSI	MBR	WT LBS/FT
6515WB-01000-00	1	1.61	2	250	3"	0.72
6515WB-01500-00	1.5	2.26	4	250	3"	1.31
6515WB-02000-00	2	2.76	4	250	4"	1.66
6515WB-02500-00	2.5	3.26	4	250	6"	2.09
6515WB-03000-00	3	3.78	4	250	8"	2.81
6515WB-04000-00	4	4.79	4	250	10"	3.85

Tube: White chlorobutyl (non oily applications)

Reinforcement: Multiple plies of polyester tire cord with steel helix wire

Cover: Grey EPDM abrasion resistant. Corrugated.

Temperature Range:

-40°F (-40°C) to +240°F (+116°C)
Cleaning in Place to 248°F (+120°C)



Novaflex 6433 Extra Flexible

White 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 ultras smooth microbe resistant tube is built on special stainless steel mandrels for cleanliness.

- Not for continuous steam service.



PART NO.	I.D.	O.D.	Max CP psi	Bend Radius	Vacuum HG	CT LBS/FT
6433CU-01500-00	1.5	2.03	200	2"	29"	0.91
6433CU-02000-00	2	2.53	200	3"	29"	1.16
6433CU-03000-00	3	3.74	200	5"	29"	2.48
6433CU-04000-00	4	4.76	200	6.5"	29"	3.31

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

Reinforcement: Multiple plies of polyester tire cord with helix wire.

Cover: Grey EPDM Corrugated

Temperature Range:

-40°F (-40°C) to +225°F (+116°C)
Cleaning in Place to 248°F (+120°C)

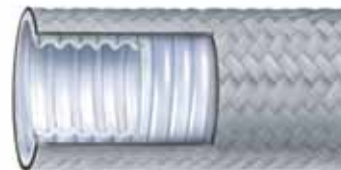
RFCTLP HOSE**CONVOLUTED LOW-PROFILE PTFE LINED HOSE**

Our cutting-edge RFCTLP Convolute PTFE Hose sets a new standard for fluid transfer solutions. This innovative hose features lower convolutions, ensuring minimal pressure drop and facilitating easy cleaning.

Resistant to environmental conditions and aging, the RFCTLP hose can withstand high velocity and pressure surges, ensuring reliable performance even in challenging circumstances. Designed to endure continuous flexing and vibration when used in accordance with minimum bend radius specifications, it offers unmatched durability.

Versatile in its applications, the RFCTLP hose excels in food processing, pharmaceuticals, cosmetics, hot CIP solutions, chemical products, and low-pressure steam environments.

- Compliant with the applicable requirements and standards of USP, FDA, USDA and REACH
- Autoclavable
- Steam cleanable
- Phthalate free



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
08RFCTLP	0.47	0.75	1425	0.20
12RFCTLP	0.72	1.05	1300	0.30
16RFCTLP	0.97	1.35	1100	0.48
24RFCTLP	1.54	2.03	700	0.82
32RFCTLP	1.97	2.46	525	1.12
48RFCTLP	2.91	3.70	175	1.26
64RFCTLP	3.94	5.00	150	2.64

Tube: Seamless white convoluted PTFE

Temperature Range:
-30C to +177C (-20°F to 350°F)

Cover: Braided stainless steel

RFPB PVC HOSE**FDA SMOOTHBORE PVC HOSE WITH BRAID REINFORCEMENT**

Our RFPB FDA PVC Hose—an excellent solution for food-grade and sanitary transfers. This hose guarantees a clean and safe environment with features such as taste and odor resistance, making it perfect for chemical processing, pharmaceutical manufacturing, food handling, and more.

Our RFPB FDA PVC Hose is non-toxic, non-pyrogenic, and alkaline-resistant, making it versatile for applications in food/beverage, laboratory, surgical/hospital, pump feed, discharge, instrumentation, water suction/discharge, irrigation systems, hydraulics, pneumatics, spray systems, and filters. Its robust construction and FDA compliance ensure reliability across various industries.

- Phthalate Free
- Clear and flexible
- Compliant with the applicable requirements and standards of 3-A, FDA, NSF, RoHS, USDA and USP



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
02RFPB	0.13	0.33	350	0.04
04RFPB	0.25	0.50	350	0.08
06RFPB	0.38	0.63	275	0.11
08RFPB	0.50	0.81	250	0.17
10RFPB	0.63	1.00	225	0.26
12RFPB	0.75	1.13	200	0.30
16RFPB	1.00	1.38	150	0.38
24RFPB	1.50	2.00	100	0.75
32RFPB	2.00	2.50	75	0.96

Tube: Smoothbore FDA PVC

Cover: Smoothbore FDA PVC

Reinforcement: Polyester textile inner braid

Temperature Range:
-5C to +65C (+25F to +150F)

Color: Transparent

RFSV SILICONE HOSE

SMOOTHBORE PLATINUM CURED SILICONE HOSE WITH WIRE REINFORCEMENT

This RFSV Silicone Hose is a stainless-steel helix wire-reinforced silicone hose engineered for extreme temperatures. Its robust construction ensures reliable performance in demanding environments, making it an ideal choice for various applications.

Rubber Fab's Smoothbore Platinum-Cured Silicone Hoses, manufactured in clean rooms, set industry benchmarks for cleanliness and precision. Suitable for critical sectors such as pharmaceuticals, medical, cosmetics, and food processing, these hoses excel in diverse applications, including pharmaceutical processing, biomedical, laboratory, cosmetic, ultra-pure liquid transfer, food processing, wash down stations, veterinary pharmaceuticals, load cell applications, and pharmaceutical skid transfer. With exceptional flexibility and sterilization capabilities, these hoses prove indispensable across various uses.

- Compliant with the applicable requirements and standards of USP, European Pharmacopoeia, FDA, 3-A, NSF, ISO, and ADI Free®
- Sterilizable by autoclave, CIP, SIP and gamma radiation processes
- Hardness Value 70 Shore A
- Will not impart taste or odor
- Lot and batch traceable
- Non-toxic and Non-pyrogenic
- Resists temperature extremes and ozones

FOODFLEX PVC S&D

CLEAR PVC SUCTION HOSE (FOOD QUALITY)

For liquid or dry bulk foodstuffs, pharmaceuticals, cosmetics, milk, fruit and vegetable juices, soft drinks, alcoholic beverages, flour, sugar, poultry or meat packing etc. Clear wall allows visual inspection of the product.

- Compliant with the applicable requirements and standards of FDA USDA and 3-A.
- Suction and pressure ratings are based on a temperature of 20C (68F), reduce ratings by 50% at maximum working temperature.

Recommended Couplings: Cam and groove or sanitary



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
08RFSV	0.500	0.886	150	0.28
12RFSV	0.750	1.136	150	0.36
16RFSV	1.000	1.386	150	0.44
24RFSV	1.500	1.886	150	0.69
32RFSV	2.000	2.494	125	0.88
40RFSV	2.500	2.988	125	1.05
48RFSV	3.000	3.488	100	1.23
64RFSV	4.000	4.488	100	1.71

Tube: Smoothbore platinum cured silicone

Cover: Platinum cured silicone

REINFORCEMENT: 4-Ply, polyester braid with stainless steel helix wire

COLOR: Translucent white

Temperature Range: -73C to +177C (-100F to 350F)

Rubber Fab



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
FPVC-075	0.25	0.95	85	0.16
FPVC-100	1	1.24	80	0.26
FPVC-125	1.25	1.54	80	0.34
FPVC-150	1.5	1.81	70	0.44
FPVC-200	2	2.39	70	0.75
FPVC-250	2.5	2.94	70	1.10
FPVC-300	3	3.43	60	1.21
FPVC-400	4	4.54	50	2.02

Tube: Clear smooth PVC

Reinforcement: Clear rigid PVC helix

Cover: Clear PVC non-marking

Temperature Range: -23C to +65C (-10F to +150F)

FOOD GRADE PVC

CLEAR REINFORCED PVC HOSE (FOOD QUALITY)

An economical hose for handling air, water, oil, mild chemicals, and alkalis. Clear wall allows visual inspection of product.

- Compliant with the applicable requirements and standards of FDA USDA 3-A and NSF-51.
- Please specify length when ordering i.e. 100' or 300'
- Working pressure ratings are based on 20°C (68°F). At operating temperature of +65°C (150°F) reduce working pressure by 50%.

Recommended Couplings: Combination nipples, short shank, brass barbed, cam and groove. All coupling recommendations are to be used as guidelines and are derived from past user preference. In some cases the preferred coupling is of a lesser pressure rating than the hose. Never exceed the working pressure of the lowest rated component in the assembly. If you require further assistance with regards to coupling choice, please contact Harco customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
CRPVC-019	0.1875	0.38	250	0.05
CRPVC-025	0.25	0.43	250	0.07
CRPVC-031	0.3125	0.53	300	0.08
CRPVC-038	0.375	0.59	250	0.09
CRPVC-050	0.25	0.71	250	0.15
CRPVC-063	0.625	0.87	200	0.17
CRPVC-075	0.75	1.02	180	0.23
CRPVC-100	1	1.30	150	0.32
CRPVC-125	1.25	1.61	100	0.58
CRPVC-150	1.5	1.89	85	0.69
CRPVC-200	2	2.44	65	1.00

Tube: Clear smooth PVC

Reinforcement: Multiple layers of synthetic yarns

Cover: Clear smooth PVC

Temperature Range:
-5C to +65C(+25F to +150F)

NEPTUNE STATIC

CLEAR PVC SUCTION HOSE (FOOD QUALITY)

Suction and discharge of liquids and powders where moderate abrasion is a factor. Built in static wire assists in dissipating static electricity.

- Compliant with the applicable requirements and standards of FDA USDA and 3-A.
- Suction and pressure ratings are based on a temperature of 20C (68F), reduce ratings by 50% at maximum working temperature.

Recommended Couplings: Cam and groove.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
NEPST-150	1.5	1.93	50	0.43
NEPST-200	2	2.48	40	0.58
NEPST-250	2.5	3.07	40	0.89
NEPST-300	3	3.64	40	1.25
NEPST-350	3.5	3.93	45	1.55
NEPST-400	4	4.72	35	1.93
NEPST-500	5	5.74	30	2.53
NEPST-600	6	6.81	30	3.70

NEPTUNE W STATIC

CLEAR PVC SUCTION HOSE (FOOD QUALITY)

Suction and discharge of solids and powders where moderate abrasion is a factor. Increased flexibility with smooth interior wall for optimum flow throughout the entire length of the hose. Hose wall is not impinged by the helix providing full tube wear ability and longer hose life. The built in static wire is positioned for maximum protection against breakage while maintaining intimate contact with tube.

- Compliant with the applicable requirements and standards of FDA USDA and 3-A.
- Suction and pressure ratings are based on a temperature of 20C (68F), reduce ratings by 50% at maximum working temperature.

Recommended Couplings: Cam and groove.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
NEPSTW-150	1.5	1.97	32	0.35
NEPSTW-200	2	2.43	32	0.56
NEPSTW-250	2.5	3.09	25	0.77
NEPSTW-300	3	3.65	25	1.10
NEPSTW-400	4	4.71	19	1.80

Tube: Clear smooth PVC

Cover: Corrugated clear PVC

Reinforcement: Clear rigid PVC helix with integral static wire

Temperature Range:
-23C to +65C (-10F to +150F)

BACCO - WINE SUCTION

PVC WINE & BEVERAGE SUCTION HOSE (FOOD QUALITY)

For use in food handling and processing operations. General application include transferring wine, juice, beer, soda, syrup, dairy products as well as poultry cleaning operations. Also good for use with gels, paste and dry foodstuff like powders, granulars and pellets.

- Compliant with the applicable requirements and standards of FDA USDA and 3-A.
- Suction and pressure ratings are based on a temperature of 20C (68F), reduce ratings by 50% at maximum working temperature.

Recommended Couplings:

Stainless Cam and groove or Sanitary

Tube: Smooth clear food grade PVC, specially compounded for use with alcoholic beverages.

Reinforcement: Red PVC helix

Cover: Smooth clear food grade PVC, specially compounded for use with alcoholic beverages



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
BAC-075	0.75	0.95	85	0.16
BAC-100	1	1.24	80	0.26
BAC-125	1.25	1.54	80	0.34
BAC-150	1.5	1.81	70	0.44
BAC-200	2	2.39	70	0.75
BAC-250	2.5	2.94	70	1.01
BAC-300	3	3.43	60	1.21
BAC-35-MM	35mm	43mm	100	0.41
BAC-38-MM	38mm	47mm	80	0.45
BAC-400	4	4.54	50	2.02
BAC-500	5	5.56	35	2.65
BAC-50-MM	50mm	60mm	70	0.74

Temperature Range:

-23C to +65C (-10F to +150F)

BREWERS & BEVERAGE DISCHARGE

RUBBER DISCHARGE HOSE (FOOD QUALITY)

Will handle a wide range of non-fatty/oily food products up to 80C (180F) where taste and aroma must not be affected.

- Longer lengths available on request.

Recommended Couplings: Sanitary. All coupling recommendations are to be used as guidelines and are derived from past user preference. In some cases the preferred coupling is of a lesser pressure rating than the hose. Never exceed the working pressure of the lowest rated component in the assembly. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
BRR-075	0.75	1.34	140	0.60
BRR-100	1	1.57	140	0.74
BRR-125	1.25	1.89	140	0.90
BRR-150	1.5	2.13	140	0.94
BRR-200-4	2	2.68	140	1.56
BRR-200-6	2	2.91	140	2.19
BRR-300	3	3.94	140	3.20

Tube: White smooth non-toxic
FDA compliant nitrile rubber

Reinforcement: Multiple layers
of mildew resistant synthetic fabric

Cover: Red abrasion resistant
natural rubber

Temperature Range:
-35C to +80C (-30F to +180F)

BREWERS SUCTION

RUBBER SUNCTION HOSE (FOOD QUALITY)

Suction and discharge applications in the brewing and beverage industry.

Recommended Couplings: Sanitary. All coupling recommendations are to be used as guidelines and are derived from past user preference. In some cases the preferred coupling is of a lesser pressure rating than the hose. Never exceed the working pressure of the lowest rated component in the assembly. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
BRS-150	1.5	1.97	150	0.89
BRS-200	2	2.56	150	1.31
BRS-250	2.5	3.03	150	2.20
BRS-300	3	3.54	150	2.26

Tube: White smooth non-toxic
FDA compliant nitrile rubber

Reinforcement: High tensile
wire helix embedded between
layers of textile cords

Cover: Red abrasion resistant
natural rubber

Temperature Range:
-35C to +80C (-30F to +180F)

CLEAR WIREVAC

WIREVAC SERIES HOSE (FOOD QUALITY)

An extremely flexible transparent hose for use where full vacuum performance is required while monitoring the contents of the hose. Ideal for use with most foodstuffs, cosmetics, beverages, and a wide range of chemical solutions. Also suitable for lubricating oils and animal fats.

- Compliant with the applicable requirements and standards of FDA USDA 3-A NSF-51.
- Suction and pressure ratings are based on a temperature of 20C (68F), reduce ratings by 50% at maximum working temperature. This hose has no fabric reinforcement and normally should not be used under pressure for service at temperatures above 25C (75F).

Recommended Couplings: Sanitary. All coupling recommendations are to be used as guidelines and are derived from past user preference. In some cases the preferred coupling is of a lesser pressure rating than the hose. Never exceed the working pressure of the lowest rated component in the assembly. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
WIRE-038	0.375	0.59	250	0.11
WIRE-050	0.50	0.71	250	0.12
WIRE-063	0.625	0.87	200	0.17
WIRE-075	0.75	1.02	180	0.24
WIRE-100	1	1.30	150	0.35
WIRE-125	1.25	1.61	100	0.50
WIRE-150	1.5	1.89	85	0.75
WIRE-200	2	2.44	65	1.09
WIRE-300	3	3.50	45	1.84

Tube: Smooth clear PVC

Reinforcement: Spring steel wire helix

Cover: Smooth clear PVC

Temperature Range:

-10C to +65C(15F to +150F)

EPDM GENERAL PURPOSE

AIR AND GENERAL PURPOSE HOSE

For air, water, agricultural spray solutions, and other dilute chemicals. Excellent resistance to heat and weathering. Also resists animal fats, and vegetable oils.

Recommended Couplings: High Pressure 1" to 1.5" for air service if the working pressure exceeds 150 psi. High Pressure, Short shank, universal, or Combination nipples all other sizes. Crimplok universals. All coupling recommendations are to be used as guidelines and are derived from past user preference. In some cases the preferred coupling is of a lesser pressure rating than the hose. Never exceed the working pressure of the lowest rated component in the assembly. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
GPE-025-250	0.25	0.55	250	0.13
GPE-031-250	0.3125	0.63	250	0.16
GPE-038-150	0.375	0.68	150	0.15
GPE-038-200	0.375	0.67	200	0.16
GPE-038-250	0.375	0.70	250	0.19
GPE-050-150	0.5	0.81	150	0.20
GPE-050-200	0.5	0.83	200	0.23
GPE-050-250	0.5	0.87	250	0.27
GPE-063-250	0.625	0.98	250	0.31
GPE-075-250	0.75	1.16	250	0.42
GPE-100-200	1	1.42	200	0.54
GPE-125-150	1.25	1.77	200	0.81
GPE-150-150	1.5	2.00	200	0.95
GPE-200-150	2	2.50	200	1.13

Tube: Synthetic oil mist resistant EPDM synthetic rubber

Reinforcement: Multiple layers of synthetic yarn

Cover: Smooth red abrasion and weather resistant EPDM synthetic rubber

Temperature Range: -30C to +93C(-20F to +200F)

STEAM 250**PETROLEUM STEAM AND CHEMICAL HOSE**

An extremely flexible hose for use with saturated steam at pressures to 250 PSI.

Recommended Couplings: High Pressure with interlocking clamps. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.

Tube: Black heat resistant EPDM synthetic rubber

Reinforcement: Multiple layers of high tensile steel cords

Cover: Red abrasion and heat resistant EPDM rubber, with embossed brand and pressure

Temperature Range:
-40C to +210C (-40F to +406F)



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
ST250-050-50	0.5	0.98	250	0.32
ST250-050-100	0.5	0.98	250	0.32
ST250-075-50	0.75	1.26	250	0.48
ST250-075-100	0.75	1.26	250	0.48
ST250-100-50	1	1.50	250	0.60
ST250-100-100	1	1.50	250	0.60
ST250-125-50	1.25	1.81	250	0.80
ST250-125-100	1.25	1.81	250	0.80
ST250-150-50	1.5	2.13	250	1.10
ST250-150-100	1.5	2.13	250	1.10
ST250-200-50	2	2.64	250	1.48
ST250-200-100	2	2.64	250	1.48
ST250-250	2.5	3.22	250	2.00
ST250-300	3	3.78	250	3.40

WHITE SANITARY**WASHDOWN HOSE - LOW PRESSURE - STANDARD DUTY**

For general clean-up and hot water washdown service in dairies, creameries, meat packing houses, food processing and bottling plants. Low pressure washdown of equipment during cleaning process.

Recommended Couplings: Long shank or high pressure. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
SAN-050	0.5	0.91	250	0.31
SAN-075	0.75	1.25	200	0.54

Tube: Smooth White EPDM Blend

Reinforcement: Two layers of synthetic yarns, fungus and mould resistant (Synthetic Textile)

Cover: White heat and abrasion resistant EPDM synthetic rubber

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

SUPREME WHITE SANITARY**WASHDOWN HOSE - LOW PRESSURE - HEAVY DUTY**

For general clean-up and hot water washdown service in dairies, creameries, meat packing houses, food processing and bottling plants. Mandrel built with premium materials to give longer service life at high temperatures. Low pressure washdown of equipment during cleaning processes using hot water. FDA compliant.

Recommended Couplings: Long shank or high pressure. If you require further assistance with regards to coupling choice, please contact Harco Ent. customer service at 1-800-361-5361.



PART NO.	I.D.	O.D.	PSI	WT LBS/FT
SWS-050	0.5	1.00	150	0.34
SWS-075	0.75	1.26	150	0.43
SWS-100	1	1.50	150	0.58

Tube: Smooth White heat resistant EPDM synthetic rubber

Reinforcement: Two layers of synthetic yarns, fungus and mould resistant

Cover: Heat and abrasion resistant smooth wrapped impression white EPDM

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

HOSE SUPPORT (DONUT)

HOSE SUPPORT SYSTEM

With a durable two-piece design and impact-resistant thermoplastic, it's lightweight yet tough. The safety yellow assembly easily bolts over hoses or stainless steel piping, lifting them off the floor to minimize wear and tear, maintain cleanliness, and protect sanitary connections. During washdown, it prevents damming, promoting efficient drainage and inhibiting bacterial growth. Its safety-focused design, featuring an easy-to-grab handle and high-visibility yellow, ensures a safer workplace. Experience the reliability and convenience of this hose support today!

MATERIAL AVAILABLE:

High Impact/Abrasion Resistant
HDPE Thermo Plastic

SIZES AVAILABLE:

Designed to work with 1.375"-5" Hoses and Stainless Steel Piping Systems



PART NUMBERS	DIMENSIONS
HOSE SUPPORT-1	8" Bridge To Fit 1.375-1.62" OD hose
HOSE SUPPORT-2	8" Bridge To Fit 2.063-2.12" OD hose
HOSE SUPPORT-3	8" Bridge To Fit 2.62-2.687" OD hose
HOSE SUPPORT-4	10" Bridge To Fit 3.1-3.3" OD hose
HOSE SUPPORT-5	10" Bridge To Fit 3.6-4" OD hose
HOSE SUPPORT-6	10" Bridge To Fit 4.7-5" OD hose

BARBED HOSE FITTINGS

JOHN PERRY FITTINGS

John Perry fittings which are similar to the bevel seat provide a secure, leak-tight connection using external Acme threads. Designed to work with a metal-to-metal seat, a gasket may be used for additional security.

BEVEL SEAT FITTINGS

Bevel Seat Fittings are used on process equipment and piping to ensure rigidity of the system.

Bevel Seat Union Fitting is made up of a hexagonal union nut, a thread ferrule, a plain ferrule and a gasket. It is very popular for the process system because it's easy assembling and safe fast cleaning of pipelines.

Q-LINE FITTINGS

Q-Line connections are primarily used across all sanitary processing applications. This interlocking, metal-to-metal design eliminates over compression by the clamp not allowing the gasket to be extruded into the product zone.

I-LINE FITTINGS

I-Line fittings are used in line processing equipment to join separate runs of tubing. You'll typically find this type of equipment across all sanitary industries. In order to make a leak-resistant connection, I-Line fittings require interlocking male and female ferrules, gaskets and clamps.

TRI-CLAMP® FITTINGS

Tri-Clamp® fittings are connections for pieces of pipe, which facilitate easy disassembly and cleaning.

BUTT-WELD FITTINGS

A butt-weld fitting is a weldable pipe fitting that allows for change of direction of flow, to branch off, reduce pipe size or attach auxiliary equipment to match a wide variety of equipment.

SMS

SMS union is the Swedish standard hygienic fitting. Probably the most widely used hygienic fitting worldwide, there is always a small crevice between the face of the male spigot and the liner. Therefore, it facilitates the removal of sections of pipe work without the need of to disturb adjacent sections.

DIN

DIN fittings are most commonly used in industrial, oil & gas and construction equipment in hydraulic and pneumatic applications. This ensures the interchangeability with leading brands of fittings.

NPT FITTINGS

Pipe Thread Fittings are unique for certain piping systems.

CAMLOCK FITTINGS

When using the Camlock fittings for hose assemblies, the Male Camlock Fitting is the perfect mate to the Female Camlock Fitting. This Cam and Groove Style is well received in the dairy industry.

Camlock fittings, otherwise known as cam and groove couplings are a simple way to connect tube, pipe, and hose. Available in a variety of sizes and connection types, these couplings require no special tools to connect and lock the male adapter to the female coupler.



Product Line Card

Supply House to the Processing Industries Since 1964

Harco partners with leading manufacturers in the industry to bring you an innovative range of sanitary and hygienic processing equipment and supplies. With experience in design, manufacturing and support, our partners are selected for their quality, reliability, and advanced products.

