

2021



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## INDUSTRIAL & MARINE HOSE PRODUCTS

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Industrial hoses are critical system components and their purchase and supply should not be trusted to just anyone. UIP International, Inc. hose products provide you with the safest and most dependable products available in the industry. UIP supplies hoses for a wide range of industries and applications.

Our Hose products are produced in accordance with the ISO 9001:2015 Quality Management System which ensures strict control of our products. Compliance inspections and audits are conducted throughout the year to ensure continued compliance with all requirements. This certification helps to ensure all our products are safe, reliable and of excellent quality.

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DEDICATED CUSTOMER SERVICE

# INDUSTRIAL HOSE

ISO 9001:2015  
CERTIFIED



Where Quality is the Standard





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## Oxygen Charging Air Hose Series 111

A premium air hose designed to withstand the harsh conditions found in steel mill lancing, scarfing and oil refinery environments. The neoprene cover offers protection against sparks and abrasions. An ideal choice for heavy industrial use.



### Construction:

Tube: Black Neoprene

Reinforcement: Polyester cord

Cover: Green Neoprene

Length: 100 feet

Temperature Rating: -20° to 200°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	0.98"	0.34	500	STOCK
0.75"	1.25"	0.47	500	STOCK
1"	1.57"	0.68	500	STOCK
1.25"	1.82"	0.80	500	STOCK
1.5"	2.07"	0.96	500	STOCK
2"	2.61"	1.30	500	STOCK
2.5"	3.16"	1.75	500	500'
3"	3.72"	2.11	500	STOCK
4"	4.90"	3.54	500	500'

## Textile Reinforced Air Hose Series 112

Designed to provide power to air-operated construction equipment, air-operated drills, boring and mining equipment. Can be used to transfer air and water in industrial, construction, mining and forestry industries. Highly visible and durable, the abrasion-resistant cover offers moderate oil resistance and is weather and ozone resistant.



### Construction:

Tube: Black Nitrile blend, NR/SBR

Reinforcement: Textile plies

Cover: Yellow SBR/EPDM

Length: 50 and 100 feet

Temperature Rating: -20° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	0.90"	0.28	300	500'
0.75"	1.18"	0.38	300	STOCK
1"	1.45"	0.52	300	STOCK
1.25"	1.80"	0.77	300	STOCK
1.5"	2.05"	0.89	300	STOCK
2"	2.63"	1.54	300	STOCK
2.5"	3.19"	1.62	250	STOCK
3"	3.69"	2.01	250	STOCK
4"	4.80"	3.35	250	STOCK

## Textile/Wire Reinforced Air Hose Series 114

An industrial strength, high-pressure wire reinforced air hose designed to provide power to air-operated construction equipment, air-operated drills, boring and mining equipment. Well suited for multiple applications in industrial, construction, mining and forestry environments. Highly visible yellow color that is abrasion, kink, and ozone-resistant.



### Construction:

Tube: Black Nitrile, moderate oil resistance

Reinforcement: Steel wire helix

Cover: Yellow SBR/EPDM abrasive-resistant blend

Length: 100 feet

Temperature Rating: -20° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	0.90"	0.36	1000	500'
0.75"	1.21"	0.62	600	STOCK
1"	1.49"	0.82	725	STOCK
1.25"	1.80"	1.08	600	500'
1.5"	2.04"	1.27	600	STOCK
2"	2.56"	1.89	600	STOCK
2.5"	3.14"	2.44	600	STOCK
3"	3.70"	3.29	600	STOCK

## Hot Air Blower Hose Series 142

Designed to convey hot air from a compressor or blower to a storage tank used in the transfer of dry bulk materials. Specifically designed to provide excellent flexibility for handling ease with materials to withstand 350°F.



### Construction:

Tube: Black EPDM

Reinforcement: Polyester cord, steel wire helix

Cover: Black EPDM

Length: 100 feet

Temperature Rating: -40° to 350°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
1.25"	1.82"	0.7	200	500'
1.5"	2.10"	0.82	200	500'
2"	2.67"	1.17	150	500'
3"	3.46"	1.61	150	STOCK
4"	4.53"	2.23	100	200'
6"	6.93"	4.9	100	200'

## Multi-Purpose 200 PSI Air & Water Hose Series 133

A tough, general service air and water hose suitable for use in gardening, general water discharge services, medium duty service for air, water and pneumatic tools, mines, agriculture and construction. Abrasion and ozone resistant. Pressure rating of 200 PSI.



### Construction:

Tube: EPDM Synthetic Rubber

Reinforcement: Spiral Textile

Cover: Red Antistatic Synthetic Rubber EPDM

Length: 100 feet

Temperature Rating: -40° to 212°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.24"	0.49"	0.13	200	STOCK
0.31"	0.57"	0.16	200	500'
0.39"	0.68"	0.23	200	STOCK
0.51"	0.89"	0.38	200	STOCK
0.63"	1.00"	0.44	200	500'
0.75"	1.12"	0.50	200	STOCK
0.98"	1.44"	0.80	200	STOCK

## Multi-Purpose 300 PSI Air & Water Hose Series 135

A high-pressure, multi-purpose hose suitable for use in gardening, general water discharge services, medium duty service for air, water and pneumatic tools, mines, agriculture and construction. Synthetic cover resists oil and solvents and is abrasion and ozone resistant. It is ideal for the aluminum reduction industry as well as other industries where a high degree of electrical non-conductivity is required.



### Construction:

Tube: Nitrile Synthetic Rubber

Reinforcement: Spiral Textile

Cover: Red, Anti-static Synthetic Rubber

Length: 100 feet

Temperature Rating: -22° to 158°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.24"	0.49"	0.13	300	STOCK
0.31"	0.57"	0.16	300	500'
0.39"	0.68"	0.23	300	STOCK
0.51"	0.89"	0.38	300	STOCK
0.63"	1.00"	0.44	300	500'
0.75"	1.12"	0.50	300	STOCK
0.98"	1.44"	0.80	300	STOCK



# UHMW Corrugated Chemical Hose Series 422

Ultra High Molecular Weight Polyethylene lined chemical hose capable of handling 98% of all common industrial chemicals in pressure, gravity flow and suction service. Corrugated design offers added flexibility. Green EPDM cover is abrasion and chemical resistant. Rated at full vacuum.

**Construction:**

Tube: UHMW Polyethylene

Reinforcement: Polyester cord, helix wire

Cover: Green EPDM

Length: 100 feet

Temperature Rating: -20° to 180°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.75"	1.24"	0.47	150	STOCK
1"	1.48"	0.58	150	STOCK
1.25"	1.75"	0.72	150	STOCK
1.5"	2.09"	1.05	150	STOCK
2"	2.60"	1.43	150	STOCK
2.5"	3.13"	1.80	150	STOCK
3"	3.66"	2.25	150	STOCK
4"	4.72"	3.09	150	STOCK



# Oil Discharge Hose Series 226

A premium quality, multi-purpose discharge hose designed for air, water, chemicals and petroleum products. Suitable for use with products up to 50% aromatics.

## Construction:

Tube: Black Nitrile

Reinforcement: Polyester cord with static wire

Cover: Black NBR/SBR

Length: 100 feet

Temperature Rating: -40° to 180°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
1"	1.41"	0.47	150	PRICED ON REQUEST
1.25"	1.73"	0.60	150	PRICED ON REQUEST
1.5"	1.97"	0.72	150	PRICED ON REQUEST
2"	2.5"	0.93	150	PRICED ON REQUEST
2.5"	2.92"	0.96	150	PRICED ON REQUEST
3"	3.50"	1.40	150	PRICED ON REQUEST
4"	4.66"	2.35	150	PRICED ON REQUEST



## Tank Truck Hose Series 230

A suction and discharge hose for petroleum products for use in-plant and in oilfields. Offers excellent flexibility and handling ease. Recommended for most hydrocarbons, suitable for use with products up to 50% aromatics: fats, greases, animal oil, vegetable oil, hydraulic fluid and a wide range of chemicals. Cover is oil and abrasion-resistant.

### Construction:

Tube: Black Nitrile

Reinforcement: Polyester cord, helix wire

Cover: Weather & ozone resistant NBR/SBR

Length: 100 feet and 200 feet

Temperature Rating: -20° to 180°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
1"	1.41"	0.54	150	STOCK
1.25"	1.69"	0.69	150	STOCK
1.5"	1.96"	0.86	150	STOCK
2"	2.50"	1.22	150	STOCK
2.5"	2.95"	1.45	150	STOCK
3"	3.60"	2.37	150	STOCK
4"	4.64"	3.11	150	STOCK
6"	6.70"	5.58	150	STOCK

## Tank Truck Hose Series 230 HD

An industrial strength, heavy-duty, high-pressure suction and discharge hose for petroleum products. Designed for offshore drilling and other demanding applications where a high working pressure is needed. Suitable for use with products up to 50% aromatics.

### Construction:

Tube: Black Nitrile

Reinforcement: multiple plies of polyester cord, steel wire helix

Cover: Weather & ozone resistant NBR/SBR rubber

Length: 100 feet and 200 feet

Temperature Rating: -20° to 180°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	Min Bend Radius (in.)	W.P. (psi)	Stock Item or Min. Order
2"	2.60"	1.58	12"	300	STOCK
3"	3.66"	2.42	18"	300	STOCK
4"	4.72"	3.54	24"	300	STOCK



## Lightweight 2-Ply Water Discharge Hose Series 616

This lightweight water discharge hose is ideal for portable pumps, industrial or construction jetting, irrigation and wash down service. A durable all-weather, abrasion and ozone-resistant tube and cover.



### Construction:

Tube: SBR/EPDM

Reinforcement: Polyester cord

Cover: SBR/EPDM blend

Length: 50 feet and 100 feet

Temperature Rating: -20° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
1.5"	1.74"	0.52	150	500'
2"	2.26"	0.53	150	500'
3"	3.3"	1.19	150	500'
4"	4.29"	1.19	100	500'
5"	5.38"	2.53	100	500'
6"	6.37"	2.25	75	500'
8"	8.45"	4.09	60	500'
10"	10.48"	5.11	50	500'
12"	12.5	6.08	50	500'

## Heavy Duty 4-Ply Water Discharge Hose Series 618

A heavy-duty water discharge hose for the toughest industrial and construction site applications. Ideal for use in mines and quarries, construction sites and work boats or anywhere abrasion-resistance and a higher working pressure are required. A durable all-weather, abrasion and ozone-resistant cover offers a long and trouble-free hose life.



### Construction:

Tube: SBR/EPDM

Reinforcement: Polyester cord

Cover: SBR/EPDM blend

Length: 50 feet and 100 feet

Temperature Rating: -20° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
2"	2.49"	1.08	150	STOCK
2.5"	2.97"	1.36	150	STOCK
3"	3.49"	1.59	150	STOCK
4"	4.58"	2.48	150	STOCK
5"	5.69"	3.77	150	STOCK
6"	6.68"	4.29	150	STOCK
8"	8.64"	5.60	150	STOCK
10"	10.61"	6.22	100	STOCK
12"	12.53	6.44	100	STOCK

# Corrugated Water Suction Hose Series 620

Designed for the transfer of water and light slurries in suction or discharge applications. Suitable for full vacuum service. A durable, all-weather, ozone and abrasion-resistant tube and cover.



## Construction:

Tube: SBR/EPDM blend

Reinforcement: Polyester cord, steel wire helix

Cover: SBR/EPDM

Length: 50 feet and 100 feet

Temperature Rating: -20° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Bend Radius	Stock Item or Min. Order
1.5"	2.00"	0.63	150	8"	500'
2"	2.52"	1.11	105	10"	500'
2.5"	3.00"	1.35	105	14"	500'
3"	3.52"	1.83	105	16"	500'
4"	4.50"	3.43	75	22"	500'
5"	5.73"	4.81	60	12"	500'
6"	6.69"	5.83	60	14"	STOCK

# Heavy Duty Water Suction Hose Series 622

Designed for rugged water suction jobs in construction, mining, agriculture or oil fields where the extra flexibility is required. Suitable for full vacuum service. A durable, all-weather, ozone and abrasion-resistant tube and cover.



## Construction:

Tube: SBR/EPDM blend

Reinforcement: Polyester cord, steel wire helix

Cover: SBR/EPDM

Length: 50 feet and 100 feet

Temperature Rating: -40° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Bend Radius	Stock Item or Min. Order
1.5"	1.88"	0.86	150	8"	STOCK
2"	2.48"	1.24	150	10"	STOCK
2.5"	2.93"	1.37	150	14"	STOCK
3"	3.49"	2.11	150	16"	STOCK
4"	4.52"	2.79	150	22"	STOCK
5"	5.83"	4.84	150	28"	STOCK
6"	6.69"	6.04	150	34"	STOCK
8"	9.80"	9.25	150	48"	STOCK
10"	11.26"	10.86	150	60"	STOCK
12"	13.35"	13.68	150	72"	STOCK



# Creamery & Paper Mill Wash Down Hose Series 624

Used for sanitary clean-up service in creameries, dairies, breweries, bottling plants, bakeries and meat packing plants. A non-marking cover compounded to resist animal greases, fatty acids, alkalies and caustics. The SBR tube and cover are resistant to water absorption.



**Construction:**

- Tube: Black SBR
- Reinforcement: Synthetic cord
- Cover: White SBR
- Length: 50 feet
- Temperature Rating: -20° to 250°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.75"	1.26"	0.40	150	STOCK
1"	1.49"	0.46	150	STOCK
1.25"	1.73"	0.54	150	STOCK
1.5"	2.08"	0.87	100	STOCK



# Steam Hose Series 536

Designed for saturated and superheated steam service, transferring high-pressure steam for processing products and equipment cleaning. Used in the chemical and petroleum industry, industrial cleaning equipment, ship building and pulp processing.

**Construction:**

- Tube: EPDM
- Reinforcement: Wire braid or spiral
- Cover: Black EPDM
- Length: 100 feet
- Temperature Rating: For saturated and superheated steam service to 406°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.75"	1.25"	0.55	250	STOCK
1"	1.49"	0.63	250	STOCK
1.5"	2.13"	1.15	250	STOCK
2"	2.63"	1.60	250	STOCK
2.5"	3.22"	2.30	250	STOCK
3"	3.73"	2.90	250	STOCK
4"	4.80	4.33	250	STOCK



## Brewers and Vintners Discharge Hose Series 725

A multi-purpose high pressure sanitary FDA discharge hose, suitable for light vacuum, designed to transfer a wide range of food and beverage products. The smooth white tube will not impart taste or odor. The cover offers excellent oil, weather and abrasion resistance. Suitable for steam cleaning at 250°F for 15 minutes.

### Construction:

Tube: White Food Grade Nitrile

Reinforcement: Polyester cord

Cover: Orange abrasion resistant rubber

Length: 50 feet and 100 feet

Temperature Rating: -20°F to 250°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	0.89"	0.27	225	STOCK
0.75	1.14"	0.37	225	STOCK
1"	1.49"	0.61	225	STOCK
1.25"	1.77"	0.74	225	STOCK
1.5"	2.00"	0.84	225	STOCK
2"	2.61"	1.42	225	STOCK
3"	3.77"	2.60	225	STOCK
4"	4.79"	3.46	225	STOCK

## Brewers and Vintners Suction Hose Series 726

A multi-purpose high pressure sanitary FDA discharge hose, suitable for moderate vacuum to full vacuum, designed to transfer a wide range of food and beverage products. The smooth white tube will not impart taste or odor. The cover offers excellent oil, weather and abrasion resistance. Suitable for steam cleaning at 250°F for 15 minutes.



### Construction:

Tube: White Food Grade Nitrile

Reinforcement: Polyester cord and helix wire

Cover: Orange abrasion resistant rubber

Length: 50 feet and 100 feet

Temperature Rating: -20°F to 250°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	.91"	0.31	150	500'
0.75"	1.28"	0.42	150	500'
1"	1.40"	0.54	150	STOCK
1.25"	1.87"	0.75	150	500'
1.5"	2.10"	1.14	150	STOCK
2"	2.67"	1.74	150	STOCK
3"	3.73"	2.97	150	500'



# PVC Spring-Wire Suction Hose Series 155

Recommended for fluid handling needs in the bottling, canning, dairy and related food-processing areas. Non-toxic formulation conforms to all FDA requirements for safe food and beverage handling. Also excellent for service in agricultural irrigation applications.

**Construction:**

Tube: Clear PVC

Reinforcement: Spring Wire

Length: 100 feet

Temperature Rating: -20°F to 150°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	0.81"	.23	150	500'
0.625"	1"	.25	100	STOCK
0.75"	1.125"	.35	100	500'
1"	2.10"	.43	84	STOCK
1.25"	1.375"	.61	84	STOCK
1.5"	2"	.70	84	STOCK



FDA Grade/Sanitary Hose

# Series 150 Clear PVC Tubing

Clear, non-toxic, single-layer, FDA formulated PVC tubing for low-pressure, cold water applications. Ideal for drain lines, iceboxes, refrigerators, live wells, bilge pump discharge and freshwater lines. Not to be used for hot water or pressurized applications.

Sizes: 3/16" I.D. – 1-1/2" I.D.

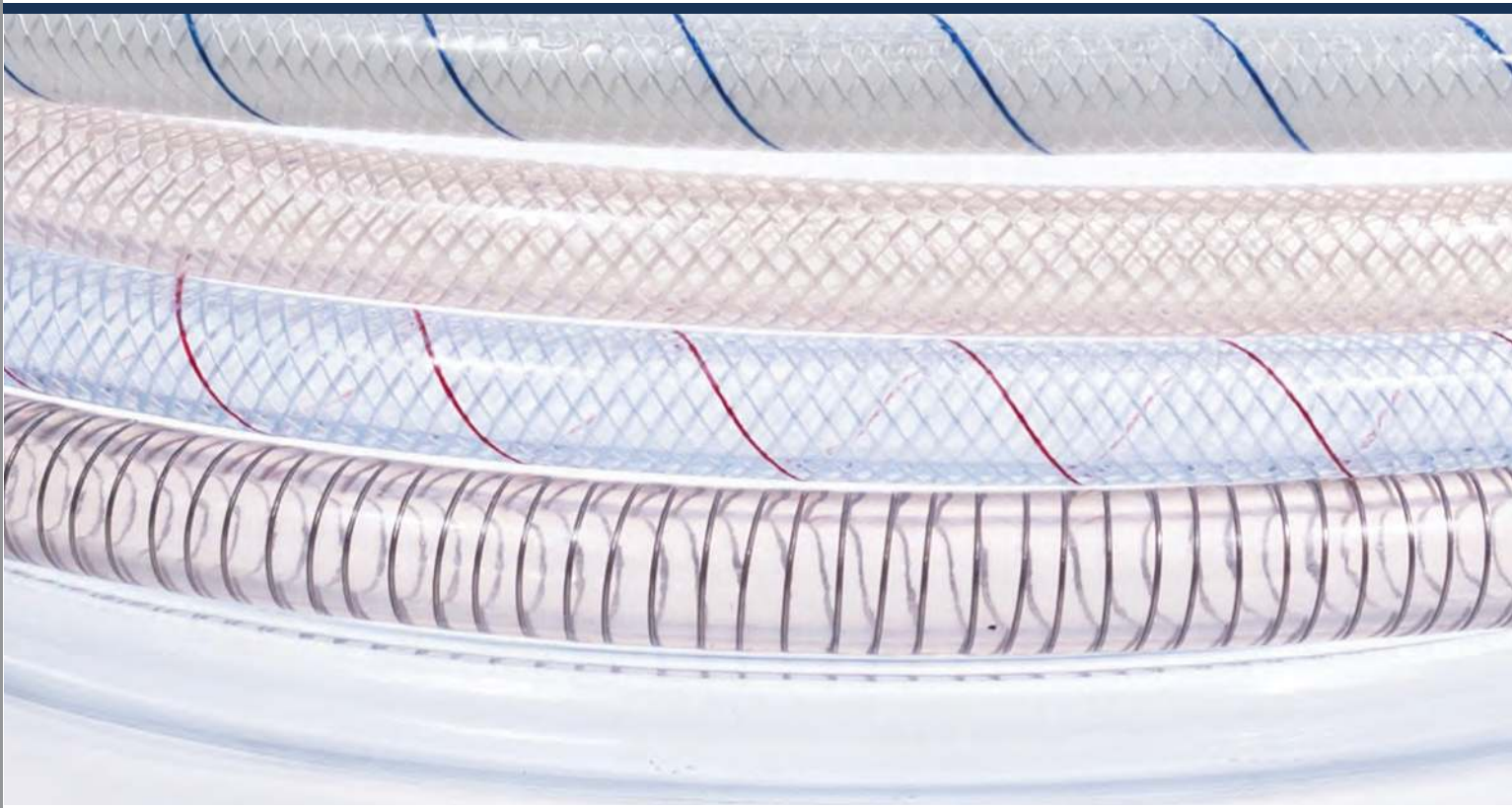
Temperature: -10° to 130°F

Description: Smooth, Clear PVC Tube (also available in solid colors)

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
150-0360	3/16"	4.762	0.313"	7.962	65	N/A	0.004
150-0140	1/4"	6.350	0.407"	10.350	60	N/A	0.008
150-0560	5/16"	7.937	0.501"	12.737	55	N/A	0.025
150-0380	3/8"	9.525	0.564"	14.325	55	N/A	0.030
150-0120	1/2"	12.700	0.720"	18.300	45	N/A	0.060
150-0580	5/8"	15.875	0.845"	21.475	40	N/A	0.075
150-0340	3/4"	19.050	0.970"	24.650	35	N/A	0.095
150-1000	1"	25.400	1.252"	31.800	30	N/A	0.270
150-1180	1-1/8"	28.575	1.377"	34.975	20	N/A	0.290
150-1140	1-1/4"	31.750	1.502"	38.150	20	N/A	0.310
150-1120	1-1/2"	38.100	1.752"	44.500	20	N/A	0.680





# POLYESTER REINFORCED PVC TUBING

FDA-approved, premium reinforced water hose that is a great choice for a wide range of applications. Non-toxic, tasteless and odorless for food grade applications. It is resistant to saltwater, mild acids, toilet effluent, hot engine water and external abrasion. Constructed with helical wire embedded between two plies of synthetic fabric for maximum flexibility.

## Series 162 Polyester Reinforced PVC Red Tracer

Sizes: 3/8" I.D. – 2" I.D.

Temperature: -10° to 150°F

Description: Smooth, Clear PVC Tube with Red Tracer Wire

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
162-0380	3/8"	9.525	200	N/A	0.030
162-0120	1/2"	12.700	200	N/A	0.060
162-0580	5/8"	15.875	200	N/A	0.075
162-0340	3/4"	19.050	170	N/A	0.095
162-1000	1"	25.400	145	N/A	0.270
162-1140	1-1/4"	31.750	95	N/A	0.310
162-1120	1-1/2"	38.100	90	N/A	0.680

## Series 163 Polyester Reinforced Clear PVC

Sizes: 3/8" I.D. – 1 1/2" I.D.

Temperature: -10° to 150°F

Description: Smooth, Clear PVC Tube

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
163-0380	3/8"	9.525	265	N/A	0.030
163-0120	1/2"	12.700	240	N/A	0.060
163-0580	5/8"	15.875	200	N/A	0.075
163-0340	3/4"	19.050	170	N/A	0.095
163-1000	1"	25.400	150	N/A	0.270
163-1140	1-1/4"	31.750	95	N/A	0.310
163-1120	1-1/2"	38.100	90	N/A	0.680

## Series 164 Polyester Reinforced PVC Blue Tracer

Sizes: 3/8" I.D. – 1 1/2" I.D.

Temperature: -10° to 150°F

Description: Smooth, Clear PVC Tube with Blue Tracer Wire

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
164-0380	3/8"	9.525	200	N/A	0.030
164-0120	1/2"	12.700	200	N/A	0.060
164-0580	5/8"	15.875	200	N/A	0.075
164-0340	3/4"	19.050	170	N/A	0.095
164-1000	1"	25.400	145	N/A	0.270
164-1140	1-1/4"	31.750	95	N/A	0.310
164-1120	1-1/2"	38.100	90	N/A	0.680

## Unalok Hose Series 333

A flexible solution for all material handling needs. Our most versatile material handling hose is available in sizes up to 14" and in a variety of tube compounds. This industrial engineered hose is as easy to assemble as a band-on coupling. It is perfect for field repairs, minimizing downtime. It can be used for vibration absorption, field transfer, cargo loading, tank transfer and slurry transport. Ideally, this product can be kept on-hand in frequently used sizes, allowing for immediate on-the-job repair and installation.

- Rugged, versatile alternative to inflexible steel piping systems
- Absorbs system vibration and saves wear on equipment
- Flexible connection for misaligned hard piping
- Can be cut to length and assembled on-site for immediate installation
- No welding required
- Available with Black, Red or Tan Pure Gum Tube

### Construction:

Tube: Black NR/SBR Blend

Reinforcement: Spiral plied synthetic fabric with wire helix

Cover: Black Corrugated Abrasion Resistant SBR

Lengths:

2" - 6" 100 ft.; 8" - 14" 40 ft. Standard;

8" - 10" Available up to 100 ft



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	Lining/ Tube Thick- ness (in.)	W.P. (psi)	Vacuum Hg	Min. Bend Ra (in.)	Max Prod. Length/Ft.	Stock Item or Min. Order
2"	3.11"	1.92	1/4	150	25"	11 7/8	100'	STOCK
3"	4.65"	4.80	1/4	150	25"	13 3/4	100'	STOCK
4"	5.38"	5	1/4	150	25"	19 5/8	100'	STOCK
5"	6.58"	7.4	5/16	150	25"	25 5/8	100'	STOCK
6"	7.73"	9.2	3/8	150	25"	29 9/16	100'	STOCK
8"	10.02"	16.06	3/8	150	25"	68 7/8	40'	STOCK
10"	11.89"	16.96	3/8	150	25"	78 3/4	40'	STOCK
12"	13.65"	18.65	3/8	150	25"	98 7/16	40'	STOCK
14"	16.36"	30.35	3/8	150	25"	111 1/8	40'	CUSTOM



# Unalok Coupling and Gasket

- Made of lightweight A356T6 Aluminum
- Supplied with necessary nuts and bolts for proper mounting
- Sealing gaskets available upon request
- 2" to 12" special order



Couplings: UNALOK Split-Flange Couplings;  
Packaging: 2" - 6" Coiled or Straight; 8" - 14" Straight

I.D. (in.)	Drilling	Wt./Ft. (lbs.)	Stock Item or Min. Order
2"	150 ANSI	3.3	STOCK
3"	150 ANSI	5.5	STOCK
4"	150 ANSI	6.6	STOCK
5"	150 ANSI	7.7	STOCK
6"	150 ANSI	8.8	STOCK
8"	150 ANSI	13.2	STOCK
10"	150 ANSI	25.4	STOCK
12"	150 ANSI	30.9	STOCK
14"	150 ANSI	35.3	Priced on Request

\*\* Full vacuum rated.

NR/SBR blend tube in stock. Red and Tan Pure Gum are made to order.

Other options include duck and rubber flanges, built-in nipples, rubber-lined nipples and beaded ends.

UNALOK hose is available in many different tube elastomers to handle your most demanding applications including:

Slurries	Phosphates	Feldspar	Bauxite	Uranium
Sand (quartz)	Oxides	Dolomite	Metal powder	Zinc
Sand (foundry)	Ore	Coal	Tailings	Ash
Salt	Industrial waste	Ceramics (gran.)	Wood chips	Nitrates
Polishing agents	Glass (crushed)	Cement	Tungsten	



For easy on-site installation:



## Sand Blast 4-Ply Hose Series 335

4-Ply sand blast hose designed for extended service life with an abrasion-resistant, static dissipating tube that delivers sand at high velocity. Excellent flexibility and kink-resistance. SBR/NR tube resists abrasion in sandblast service and the static conducting properties prevent the build-up of electrical charges.



### Construction:

Tube: NR/SBR

Reinforcement: Textile braid or polyester cord

Cover: NR/SBR;

Length: 50 feet and 100 feet

Temperature Rating: -40° to 160°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.75"	1.5"	0.70	150	STOCK
1"	1.88"	1.05	150	STOCK
1.25"	2.16"	1.28	150	STOCK
1.5"	2.38"	1.40	150	STOCK
2"	2.88"	1.74	150	STOCK

## Concrete, Plaster, and Grout Hose Series 846

Designed to handle the demands of pumping concrete, plaster, or grout into hard-to-reach places with excellent flexibility and wear resistance to abrasive slurries. The reinforcement of multiple plies of polyester cord enables the hose to perform at a constant working pressure of 800 psi.



### Construction:

Tube: SBR

Reinforcement Polyester cord

Cover: NR/SBR

Length: Up to 100 feet

Temperature Rating: 40° to 180°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
1.25"	1.90"	0.81	800	200'
1.5"	2.15"	0.94	800	200'
2"	2.95"	1.85	800	200'
2.5"	3.46"	2.20	800	200'



# Dry Cement Discharge Hose Series 831

Used for the transfer of dry materials and slurry including cement and concrete placement and sand slurry discharge applications. Perfect for abrasive substances.

**Construction:**

- Tube: 3/16" NR/SBR static dissipating material
- Reinforcement: 2-ply tire cord with static grounding wire
- Cover: NR/SBR
- Color: Black
- Length: 100 feet
- Temperature: -20° to 180°F



I.D. (in.)	O.D. (in.)	PLY	Wt./Ft. (lbs.)	W.P. (psi)
4"	4.625"	2	2.65	75



Material Handling Hose



## Elephant Trunk Hose Series 313

Used for gravity flow transfer of dry bulk materials. The lightweight tire cord construction provides excellent flexibility. The premium grade tube is abrasion and cut resistant. The all-weather cover protects against ozone and abrasion.

### Construction:

Tube: SBR

Reinforcement: Polyester cord

Cover: SBR

Temperature Rating: -20 to 180°F

Length: Up to 60 feet



I.D. (in.)	O.D. (in.)	PLY	Wt./Ft. (lbs.)	Stock Item or Min. Order
4"	4.45"	2	1.71	PRICED ON REQUEST
6"	6.45"	2	2.52	PRICED ON REQUEST
6.625"	7.07"	2	2.78	PRICED ON REQUEST
8"	8.45"	2	3.33	PRICED ON REQUEST
8.625"	9.07"	2	3.59	PRICED ON REQUEST
10"	10.45"	2	4.14	PRICED ON REQUEST
10.75"	11.2"	2	4.45	PRICED ON REQUEST
12"	12.45"	2	4.95	PRICED ON REQUEST
12.7"	13.2"	2	5.26	PRICED ON REQUEST
14"	14.45"	2	5.76	PRICED ON REQUEST
16"	16.45"	2	6.58	PRICED ON REQUEST
18"	18.45"	2	7.39	PRICED ON REQUEST
20"	20.45"	2	8.20	PRICED ON REQUEST
22"	22.45"	2	9.01	PRICED ON REQUEST
24"	24.45"	2	9.82	PRICED ON REQUEST
30"	30.45"	2	12.25	PRICED ON REQUEST

## Hot Tar and Asphalt Hose Series 242

Rugged hose specifically designed for the transfer of high-temperature asphalt, tar and hot oils between rail transport cars, tank trucks, storage tanks and disposing units. Ability to withstand high temperatures up to 350°F.

### Construction:

Tube: Carboxylated Nitrile

Reinforcement: Synthetic cord, helix wire

Cover: Heat resistant CR

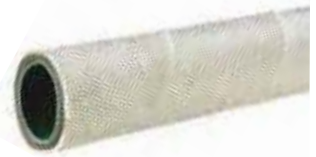
Temperature Rating: Max 350°F



I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
1.5"	2.258"	1.29	150	PRICED ON REQUEST
2"	3.35"	2.89	150	PRICED ON REQUEST
3"	4.285"	4.445	150	PRICED ON REQUEST
4"	5.57"	6.89	150	PRICED ON REQUEST

## 1-Ply Furnace Door Cooling Hose Series 537

Designed as a water cooling hose for use in steel mills around blast furnaces. A special temperature resistant 1-ply Nomex/Fiberglass cover offers excellent protection against sparks and molten splatter. Lightweight for easy handling.



### Construction:

Tube: NR/SBR  
Reinforcement: 4-ply polyester cord  
Cover: 1-ply Nomex/Fiberglass  
Length: 100 feet;  
Temperature Rating - Cover up to 600°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	1.01"	0.33	200	STOCK
0.75"	1.25"	0.44	200	STOCK
1"	1.66"	0.58	200	STOCK
1.25"	1.91"	0.76	200	STOCK
1.5"	2.16"	0.82	200	STOCK
1.625"	2.26"	0.95	200	STOCK
1.75"	2.41"	0.97	200	STOCK
1.875"	2.57"	1.07	200	STOCK
2"	2.66"	1.09	200	STOCK
2.5"	3.14"	1.25	200	STOCK
3"	3.61"	1.29	200	STOCK
4"	4.64"	2.92	200	300'

## 2-Ply Furnace Door Cooling Hose Series 538

Designed as a water cooling hose for heavy duty use in steel mills around blast furnaces. A special temperature resistant 2-ply Nomex/Fiberglass cover offers maximum protection against sparks and molten splatter.



### Construction:

Tube: NR/SBR  
Reinforcement: 4-ply polyester cord  
Cover: 2-ply Nomex/Fiberglass  
Length: 100 feet  
Temperature Rating: Cover up to 600°F

I.D. (in.)	O.D. (in.)	Wt./Ft. (lbs.)	W.P. (psi)	Stock Item or Min. Order
0.5"	1.24"	0.36	200	500'
0.75"	1.49"	0.48	200	500'
1"	1.74"	0.63	200	500'
1.25"	1.99"	0.79	200	500'
1.5"	2.28"	0.91	200	500'
1.625"	2.40"	1.02	200	500'
1.75"	2.53"	1.04	200	500'
1.875"	2.65"	1.10	200	500'
2"	2.77"	1.16	200	500'
2.5"	3.28"	1.49	200	500'
3"	3.80"	1.82	200	500'
4"	4.80"	2.27	200	500'

# WATER HOSE

## Bilge Pump Hose Series 120

This hose is designed to be used with bilge pumps, live well aerators, bilge discharge and sink and shower drains. It is resistant to oil, gasoline, diesel, saltwater, acids and detergents. Its corrugated base material is made up of durable black or white polyethylene and offers extreme flexibility as well as chemical and abrasion resistance. Ends have smooth mounting cuffs for ease of installation.

Sizes: 5/8" I.D. – 1 1/2" I.D.

Temperature: -40° to 200°F

Description: Black or White Polyethylene

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)
120-0580	5/8"	16	0.819"	20.81
120-0340	3/4"	19	0.969"	24.63
120-1180	1-1/8"	29	1.387"	35.23
120-1140	1-1/4"	30	1.473"	37.42
120-1120	1-1/2"	40	1.907"	48.44

## Lightweight Black Helix Hose Series 141

Highly flexible FDA formulated clear PVC tubing with black helix. Used for potable water fill, bilge pump, icebox, sink and shower drains and live well drains. To be used above the water line.

Sizes: 3/4" I.D. – 1 1/2" I.D.

Temperature: -10° to 130°F

Description: Clear PVC with Black Helix

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
141-0340	3/4"	19.050	0.99"	25.146	50	28	0.107
141-1180	1-1/8"	28.575	1.13"	28.702	35	26	0.156
141-1140	1-1/4"	31.750	1.61"	40.894	50	28	0.321
141-1120	1-1/2"	38.100	1.86"	47.244	50	28	0.372

## Flex-Sanitation Hose Smooth H/D Series 148

Smooth-walled, extra heavy-duty, flexible, multipurpose PVC hose formulated and compounded from FDA materials. Exhibits ultra-low odor permeation. Excellent for all sanitation systems, below water drains, potable water, water intake systems and aerators. Smooth cover permits clamping without cuffs. Recommended double clamps and sealing compounds for below-waterline connections.



Sizes: 5/8" I.D. – 2" I.D.

Temperature: -10° to 130°F

Description: White FDA Formulated PVC

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths

ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
148-0580	5/8"	15.875	0.86"	21.844	130	28	0.158
148-0340	3/4"	19.050	1.01"	25.654	130	28	0.203
148-1000	1"	25.400	1.11"	28.194	90	28	0.267
148-1180	1-1/8"	28.575	1.27"	32.258	80	28	0.294
148-1140	1-1/4"	31.750	1.53"	38.862	80	28	0.338
148-1120	1-1/2"	38.100	1.82"	46.228	80	28	0.465

## Live Well Hose Series 149

Highly flexible, FDA formulated clear, smooth, PVC tubing with black helix. Used for potable water fill, bilge pump, icebox and sink, shower and live well drains. Resistant to mild chemicals and saltwater.



Sizes: 5/8" I.D. – 1 1/2" I.D.

Temperature: -10° to 130°F

Description: Smooth, Clear PVC with Black Helix

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths

ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
149-0580	5/8"	15.875	0.86"	21.844	100	28	0.158
149-1140	1-1/4"	31.750	1.54"	39.116	80	28	0.34
149-1120	1-1/2"	38.100	1.82"	46.228	80	28	0.465

# ELECTRICAL HOSE

## Electrical Conduit Series 125

A flexible, split-wire conduit designed to provide chafing protection and aesthetic appearance for multi-wire harness and cable routing. Made from a blend of low-density polyethylene resins, it is abrasion and chemical-resistant and flame retardant. Split lengthwise for simple installation. Also available in high-temperature Nylon.

Sizes: 1/4" I.D. – 2" I.D.

Temperature: -40° to 200°F

Description: Black or White Split Tubing

Packaging: Bulk Coils, 50' and 100' Punch-Out Cartons, Custom Cut Lengths

ITEM #	I.D. (inch)	I.D. (mm)
125-0140	1/4"	6.350
125-0380	3/8"	9.525
125-0120	1/2"	12.700
125-0580	5/8"	15.875
125-0340	3/4"	19.050
125-1000	1"	25.400
125-1140	1-1/4"	31.750
125-1120	1-1/2"	38.100
125-2000	2"	50.800



## Sternflex Hose Series 127

Premium quality, crush-resistant hose designed as a conduit for containing wires, control cables and hoses between transom and outboard engines. The extremely flexible material is resistant to bilge acids, fuel solutions and UV rays. It can also be used for sink and shower drains. Available in gray, black or white.

Sizes: 1 1/2" – 2" I.D.

Temperature: -40° to 140°F

Description: Gray, Black or White Tubing

Packaging: Bulk Coils, 50' Punch-Out Cartons, Custom Cut Lengths

ITEM #	I.D. (inch)	I.D. (mm)
127-1120	1-1/2"	38.10
127-2000	2"	50.80





# FUEL HOSE

## “Flex-Acol” Fuel Hose Series 350/360

Excellent resistance to fire, heat, ozone and permeation by alcohol blended gasoline and diesel fuels. Compounded to meet or exceed SAE-J1527 Type A, ISO/DIS 7840 and NMMA standards for fuel feed, fill and vent hoses.



### TYPE A1 Fuel Hose – USCG/SAE J1527

Marine fuel line hose for fuel feed and vent applications on marine gasoline tanks. Meets U.S. Coast Guard and International Marine Certification Institute requirements for Type A1 service. Spiral synthetic yarn reinforcement. Synthetic inner rubber tube provides for high oil resistance.

Sizes: 1/4" I.D. – 5/8" I.D.

Temperature: 0° to 115°F

Construction Tube: Black Nitrile Synthetic Rubber ARPM Class A

Cover: Black Synthetic Rubber

Reinforcement: Spiral Synthetic Yarn

Packaging: Bulk Coils, 50' and 100' Punch-Out Cartons, Custom Cut Lengths

ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
350-0140	1/4"	6.40	0.65"	16.5	49	N/A	0.17
350-0560	5/16"	7.90	0.71"	18.0	49	N/A	0.19
350-0380	3/8"	9.50	0.78"	19.8	49	N/A	0.2
350-0120	1/2"	12.70	0.89"	23.0	36	N/A	0.26
350-0580	5/8"	15.90	1.06"	25.8	36	N/A	0.35

### TYPE A2 Fuel Hose – USCG/SAE J1527

Marine fuel fill hose for marine gasoline tanks. Provides connection from a boat's fuel fill port to its fuel tank. Meets Requirements for Type A2 service. Spiral synthetic yarn reinforcement. Synthetic inner rubber tube provides for high oil resistance.

Sizes: 1-1/4" I.D. – 2-3/4" I.D.

Temperature: -20° to 180°F

Construction Tube: Black Nitrile Synthetic Rubber ARPM Class A

Cover: Black Synthetic Rubber

Reinforcement: Spiral-plied Synthetic Fabric with Wire Helix

Packaging: Bulk Coils, 50' and 100' Punch-Out Cartons, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
360-1140	1-1/4"	31.80	1.70"	43.2	100	29	0.68
360-1120	1-1/2"	38.10	1.86"	47.1	100	29	0.65
360-1780	1-7/8"	47.60	2.30"	58.4	100	29	0.96
360-2000	2"	50.80	2.43"	61.7	50	29	1.01
360-2340	2-3/4"	69.90	2.80"	71.1	50	29	1.19

# VENT/DUCT HOSE

## Marine Blower Hose Series 400

Marine blower hose, used in marine exhaust applications. Manufactured with a heavy-duty PVC film, encompassing a high density, corrosion-resistant wire helix. It is both tear and puncture resistant. Resistant to ozone, sunlight and weathering. Does not support combustion.

Sizes: 3"– 4" I.D.

Description: Black



ITEM #	I.D. (inch)	I.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
400-3000	3"	76.20	N/A	N/A	0.08
400-4000	4"	101.60	N/A	N/A	0.09

## Non-Insulated A/C Duct Series 460

### White Vinyl Duct

Ideal for general purpose exhaust applications including bathroom fan venting and surface mounted humidifier units. Not for use in dryer venting applications.

Sizes: 3"– 6" I.D.



### Gray Vinyl Duct

Ideal for general purpose exhaust applications including bathroom fan venting and surface mounted humidifier units. Made from 2-ply grey vinyl. Not for use in dryer venting applications.

Sizes: 4"– 7" I.D.



ITEM #	I.D. (inch)	I.D. (mm)	WP (psi)	Vacuum Rating (in/HG)	Weight (lbs/ft)
460-4000	4"	101.60	N/A	N/A	0.12
460-5000	5"	127.00	N/A	N/A	0.16
460-6000	6"	152.40	N/A	N/A	0.16
460-7000	7"	177.80	N/A	N/A	0.2

# Insulated A/C Duct Series 480

Class 1 insulated air duct UL/cUL 181. Flexible helix core made of 2-ply polyester laminate and corrosion resistant galvanized wire. Surrounded by a blanket of formaldehyde-free, fiberglass insulation that helps reduce heat and cool loss. Jacketed by a heavy-duty, fire-retardant, silver polyethylene vapor barrier with reinforced scrim.

Sizes: 4" – 20" I.D.  
R-4.2  
Silver Jacket



ITEM #	I.D. (inch)	I.D. (mm)	WP (psi)	Vacuum Rating (in/ HG)	Weight (lbs/ft)
480-3000	3"	76.20	N/A	N/A	0.24
480-4000	4"	101.60	N/A	N/A	0.24
480-5000	5"	127.00	N/A	N/A	0.28
480-6000	6"	152.40	N/A	N/A	0.28
480-7000	7"	177.80	N/A	N/A	0.32
480-8000	8"	203.20	N/A	N/A	0.36



# CERTIFIED WET EXHAUST

## Corrugated Hardwall Wet Exhaust Hose Series 252 SAE J2006 R2

Certified wet exhaust, heavy-wall, helical wire reinforcement between 4 plies of rayon fabric. Compounded to resist engine heat, exhaust fumes, ozone, mild acids, toilet effluent, saltwater and abrasion. Meets or exceeds USCG, ABYC and SAE J2006 R2 Standards for wet exhaust service. Designed for severe-bend applications.

Sizes: ½" – 8" I.D.

Temperature: -20° to 200° F Continuous

Description: Black with Blue Stripe

Tube and Cover: Black Synthetic EPDM Blend Rubber

Reinforcement: Helix Wire and Plies of Synthetic Cord

Packaging: 50 Foot Coils, 12.5 Foot lengths, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)	Vacuum Rating (in/ HG)
252-1120	1-1/2"	38.0	1.89"	48.0	68	29
252-1580	1-5/8"	41.0	2.01"	51.0	58	29
252-1340	1-3/4"	45.0	2.20"	56.0	58	29
252-1780	1-7/8"	48.0	2.28"	58.0	58	29
252-2000	2"	51.0	2.40"	61.0	58	29
252-2140	2-1/4"	57.0	2.44"	62.0	58	29
252-2380	2-3/8"	60.0	2.76"	70.0	87	29
252-2120	2-1/2"	63.0	2.87"	73.0	87	29
252-2780	2-7/8"	73.0	3.27"	83.0	73	29
252-3000	3"	76.0	3.46"	88.0	73	29
252-3120	3-1/2"	90.0	4.02"	102.0	63	29
252-4000	4"	102.0	4.49"	114.0	58	29
252-4120	4-1/2"	114.0	5.00"	127.0	63	29
252-5000	5"	127.0	5.55"	141.0	73	29
252-6000	6"	152.0	6.61"	168.0	63	29
252-8000	8"	203.0	8.70"	221.0	63	27



## Certified Hardwall Wet Exhaust Hose

### Series 250

### SAE J2006 R2



Certified wet exhaust, heavy wall, helical wire reinforcement between 4 plies of rayon fabric. Compounded to resist engine heat, exhaust fumes, ozone, mild acids, toilet effluent, saltwater and abrasion. Meets or exceeds USCG, ABYC, and SAE J2006 R2 Standards for wet exhaust service.

Sizes: 1/2" – 16" I.D.

Temperature: -20° to 200° F Continuous

Description: Black with Blue Stripe

Tube and Cover: Black Synthetic EPDM Blend Rubber

Reinforcement: Helix Wire and Plies of Synthetic Cord

Packaging: 50 Foot Coils up to 3" I.D., 12.5 Foot Lengths, Custom Cut Lengths

ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)
100-0120	1/2"	13.0	0.83"	21.0	203
100-0580	5/8"	15.0	0.94"	24.0	169
100-0340	3/4"	19.0	1.06"	27.0	135
100-0780	7/8"	22.0	1.18"	30.0	135
100-1000	1"	25.0	1.35"	34.4	102
100-1180	1-1/8"	29.0	1.50"	38.0	97
100-1140	1-1/4"	32.0	1.61"	41.0	97
100-1560	1-5/16"	33.0	1.65"	42.0	97
100-1380	1-3/8"	35.0	1.73"	44.0	82
250-1120	1-1/2"	38.0	1.93"	49.0	82
250-1580	1-5/8"	41.0	2.05"	52.0	68
250-1340	1-3/4"	45.0	2.20"	56.0	58
250-1780	1-7/8"	48.0	2.32"	59.0	53
250-2000	2"	51.0	2.44"	62.0	68
250-2180	2-1/8"	54.0	2.60"	66.0	63
250-2140	2-1/4"	57.0	2.72"	69.0	63
250-2380	2-3/8"	60.0	2.80"	71.0	53
250-2120	2-1/2"	63.0	2.87"	73.0	87
250-2580	2-5/8"	67.0	3.03"	77.0	87
250-2340	2-3/4"	70.0	3.15"	80.0	77
250-2780	2-7/8"	73.0	3.27"	83.0	77
250-3000	3"	76.0	3.46"	88.0	77
250-3180	3-1/8"	79.0	3.58"	91.0	77
250-3140	3-1/4"	83.0	3.74"	95.0	68
250-3120	3-1/2"	89.0	3.98"	101.0	63
250-4000	4"	102.0	4.65"	118.0	58

## Certified Softwall Wet Exhaust Hose Series 200 SAE J2006 R1

Certified wet exhaust, heavy-wall reinforcement with 2, 4, or 6 plies of synthetic cord. Designed for engine water circulation, heat exchanger, heavy-duty discharge lines and straight marine wet exhaust connections. Meets or exceeds USCG, ABYC, and SAE J2006 R1 Standards for wet exhaust service. Recommended for short, straight connections.

Sizes: ½" I.D. – 16" I.D.

Temperature: -20° to 200° F Continuous

Description: Black with Blue Stripe

Tube and Cover: Black Synthetic EPDM Blend Rubber

Reinforcement: Plies of Synthetic Cord

Packaging: 50 Foot Coils up to 3" I.D., 12.5 Foot Lengths, Custom Cut Lengths



ITEM #	I.D. (inch)	I.D. (mm)	O.D. (inch)	O.D. (mm)	WP (psi)
110-0120	1/2"	13.0	0.87"	22.0	169
110-0580	5/8"	16.0	1.02"	26.0	169
110-0340	3/4"	19.0	1.14"	29.0	169
110-0780	7/8"	22.0	1.26"	32.0	102
110-1000	1"	25.0	1.36"	34.5	102
100-1180	1-1/8"	29.0	1.54"	39.0	97
110-1140	1-1/4"	32.0	1.69"	43.0	97
110-1560	1-5/16"	33.0	1.69"	43.0	97
110-1380	1-3/8"	35.0	1.81"	46.0	97
200-1120	1-1/2"	38.0	1.93"	49.0	68
200-1580	1-5/8"	41.0	2.05"	52.0	68
200-1340	1-3/4"	45.0	2.20"	56.0	63
200-1780	1-7/8"	48.0	2.32"	59.0	58
200-2000	2"	51.0	2.44"	62.0	58
200-2140	2-1/4"	57.0	2.68"	68.0	58
200-2380	2-3/8"	60.0	2.80"	71.0	87
200-2120	2-1/2"	64.0	2.91"	74.0	87
200-2580	2-5/8"	67.0	3.03"	77.0	87
200-2780	2-7/8"	73.0	3.27"	83.0	77
200-3000	3"	76.0	3.46"	88.0	77
200-3184	3-1/8"	79.0	3.58"	91.0	73
200-3124	3-1/2"	89.0	3.98"	101.0	63
200-3344	3-3/4"	95.0	4.17"	106.0	63
200-4004	4"	102.0	4.45"	113.0	58
200-4184	4-1/8"	105.0	4.57"	116.0	58
200-4124	4-1/2"	114.0	4.92"	125.0	63
200-5004	5"	127.0	5.55"	141.0	77
200-5124	5-1/2"	140.0	6.06"	154.0	68
200-6004	6"	152.0	6.69"	170.0	58
200-6584	6-5/8"	168.0	7.32"	186.0	58
200-8004	8"	203.0	8.74"	222.0	48
200-8584	8-5/8"	219.0	9.37"	238.0	48

## Straight Silicone Hose Series BSIL

4-Ply, polyester-reinforced silicone hose. SAEJ20 Compliant. Does not conduct electricity. Functions well in both extreme hot and cold temperatures. Highly resistant to chemical corrosion and friction. Excellent resistance to ozone and UV light. Commonly used in for air intake connections, supercharger connections, cold side turbo and intercooler connections, radiator or heater core connections or where high temperatures or extreme working conditions exist. Used across multiple industries including marine, automotive, agriculture, medical, and aerospace. Stocked in smooth blue exterior with red interior. Black and red available upon request. Meets and exceeds all performance and physical criteria of SAE J20 R1, SAE J20 R1 H.T. Class A, TMC RP303B Grade I and Grade II, Mil Spec A-A-52426 and various other heavy-duty OEM specifications.

Sizes: 1" - 2-1/2" I.D.

Temperature: -65° to 350°F

Description: Smooth Blue Exterior

Reinforcement: 4-Ply, Polyester

Packaging: 3 Foot Sticks



ITEM #	I.D. (inch)	Length (ft)
BSIL-4P01	1"	3 or 12'
BSIL-4P0125	1-1/4"	3 or 12'
BSIL-4P015	1-1/2"	3 or 12'
BSIL-4P175	1-3/4"	3 or 12'
BSIL-4P02	2"	3 or 12'
BSIL-4P225	2-1/4"	3 or 12'
BSIL-4P25	2-1/2"	3 or 12'

### Additional Silicone Products Available:

- Hump Hose
- Elbow Hose
- Heater Hose
- Vacuum Hose

# OFFSHORE OIL HOSE

All offshore hoses are manufactured to meet or exceed the requirements of the OCIMF Guide to Purchasing, Manufacturing and Testing of the Loading and Discharge Hoses for Offshore Moorings, 4th Edition 1991.

## Daytona Type Mainline Submarine Hose Series 297

Standard-based submarine hose construction.

Electronically continuous or discontinuous (TBA). 300 PSI MAX WP, 1500 PSI MIN BP. Double high-grade Nitrile tube suitable for use with up to 60% aromatic content fuels, multiple plies of high tensile polyester tire cord reinforcement, high grade spring steel helix wire, double cover separated by an orange color ply as a wear indicator.

Cover is resistant to wear, aging, stress, abrasion, weathering, sunlight, oil and saltwater penetration. Built-in, standard weight, seamless, carbon steel nipples with 150 lb. ANSI B 16.5 fixed weld neck raised-face flange.

All welded parts are X-rayed and/or mag particle tested. Manufactured with OCIMF certification. Hydro-tested without kerosene testing. Slat packed and with nylon slings for lifting.

All hoses are rated for a maximum working pressure of 300psi with a minimum burst pressure of 1500psi. Underwater weight and negative buoyancy are only guaranteed when full of product or saltwater (per OCIMF 1991).

I.D. (inch)	O.D. (mm)	Weight (lbs/30ft)	End Weights (lbs)
4"	6.93	315.00	76
6"	8.78	566.00	138
8"	11.09	851.00	194
10"	13.71	1252.00	274
12"	15.88	1580.00	392





## Daytona Type Tanker Rail Hose Series 298

Basic hose is constructed as the MAINLINE, but above the Helix Wire additional tapering reinforcement is added extending from each end to a maximum length of 10ft into the body. This provides extra stiffness over the end sections to allow for the hose taking up its normal operational position of a 90 degree bend from the tanker manifold, clear of and over the ship's rail.

Additional standard features include lifting and snubbing lugs, 2 at the TANKER end and 1 at the TAIL end, unless otherwise required by order.

Electrical properties must be stated at inquiry/order stage.

Branding as per OCIMF 1991 indicates the tanker rail end (as well as the standard double lug).

All hoses are rated for a maximum working pressure of 300psi with a minimum burst pressure of 1500psi. Underwater weight and negative buoyancy are only guaranteed when full of product or saltwater (per OCIMF 1991).

I.D. (inch)	O.D. (mm)	Weight (lbs/ft)	Weight (lbs/30ft)	End Weights (lbs)
4"	6.93	13.40	402.00	78
6"	9.26	21.82	654.60	141
8"	11.57	32.08	962.40	198
10"	13.98	44.04	1321.20	279
12"	16.24	56.20	1686.00	398

## Daytona Type PLEM Hose Series 299

Electrically continuous or discontinuous (TBA). 300 PSI MAX. 1500 PSI MIN BP. Double high-grade Nitrile tube (suitable for use with up to 60% aromatic content fuels), multiple plies of high-tensile polyester tire cord reinforcement, high-grade spring steel helix wire, double cover separated by an orange color ply as a wear indicator.

1/3 of hose from one end with extra reinforcement for the PLEM connection.

All hoses are rated for a maximum working pressure of 300psi with a minimum burst pressure of 1500psi. Underwater weight and negative buoyancy are only guaranteed when full of product or seawater (per OCIMF 1991).

I.D. (inch)	O.D. (mm)	Weight (lbs/ft)	Weight (lbs/30ft)	End Weights (lbs)
4"	6.69	11.96	358.80	76
6"	9.03	19.91	597.30	138
8"	11.67	33.34	1000.20	194
10"	13.98	43.80	1314.00	274
12"	16.24	56.20	1686.00	392

## Dredge Hose Series 902

### Custom Engineered Dredge Hose Solutions

Hand-built dredging hose featuring heavy-duty, wear-resistant construction and the finest grades of natural and synthetic materials. Hard-wall and soft-wall complete hose assemblies are available offering flexibility, durability, vibration dampening and stability.

Up to 350 psi WP.

For all connection types:

Sleeve ends, Duck & Rubber flanges with Carbon Steel or Stainless Steel Retaining Rings, Beaded Ends with Carbon Steel or Stainless Steel interlocking Floating Flanges, Built-in Carbon Steel and Stainless Steel Nipples and Carbon Steel and Stainless Steel Flanges.

### Dredge Hose Variations:

- **SUCTION:** Hard suction hose for highly demanding environments featuring custom-blended rubber linings with steel helix wire and multiple linings of synthetic textile reinforcement. Provides for full vacuum, vibration dampening and kink resistance.
- **DISCHARGE:** Hard-wall and soft-wall configurations designed to your specifications.
- **SLEEVE:** Multi-ply high tensile synthetic cord for unsurpassed quality and stability. Sleeves will not expand under pressure and offer extreme abrasion-, ozone- and cut-resistance.
- **GIMBAL:** Gimbal joint suction hoses are used with universal joints to constrain hose movement, eliminating over-stressing. Features embedded welded steel rings for maximum compressive strength and flexibility.



### Customization Options:

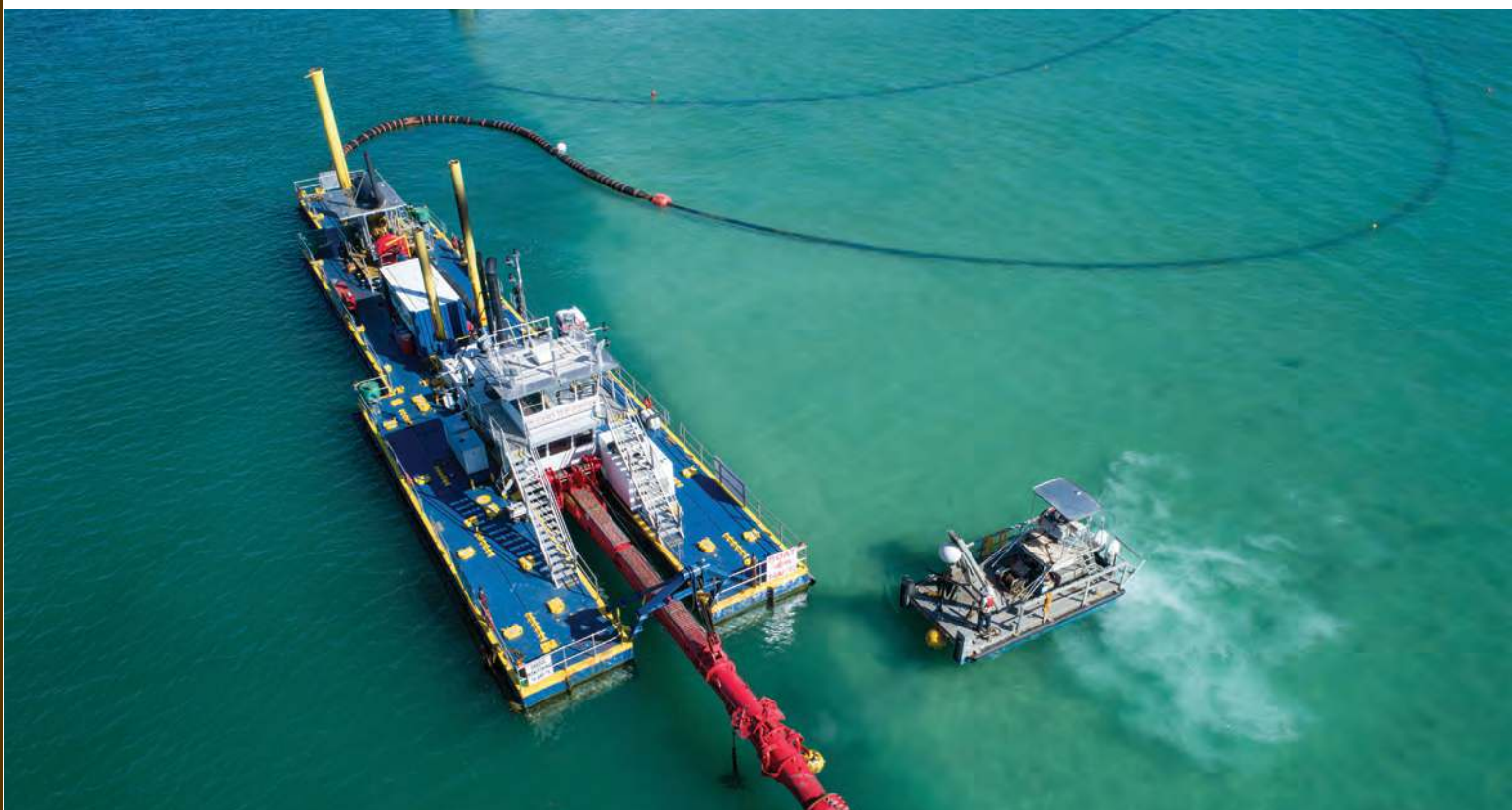
- Custom blended tube linings
- Custom wear-resistant covers
- Custom lengths
- Custom ends

Available in 2" – 24" Inside Diameter.

Up to 100FT lengths in sizes 2" to 8" I.D.

Up to 50FT lengths in sizes 10" to 24" I.D.

Manufactured in the USA for all dredging applications.



# MARINE HOSE ACCESSORIES

## "T-Bolt" Exhaust Hose Clamps Series 720

Marine grade 303 Stainless Steel hose clamps designed to assure proper clamping of large diameter marine exhaust hoses. All clamps are equipped with a nylon insert lock nut.

Size: 1" - 16" Standard Hose I.D.

Description: 303 Stainless Steel

Packaging: 10 Per Package.



CLAMP SIZE	MINIMUM O.D.	MAXIMUM O.D.
1-1/2"	1-1/2"	2-1/8"
2"	2-1/4"	2-5/8"
2-1/2"	2-5/8"	3-1/4"
3"	3"	3-1/2"
3-1/2"	3-1/2"	4-1/8"
4"	4-1/8"	4-3/4"
4-1/2"	4-3/4"	5-1/4"
5"	5-1/4"	5-7/8"
5-1/2"	5-5/8"	6-1/4"
6"	6-3/8"	7-1/8"
8"	8-1/4"	9-1/8"
10"	10-1/2"	11"
12"	12"	12-3/4"

## Nylon Hose Nipples Series NF

Nylon hose nipples designed to accommodate all rubber and plastic hoses in the marine industry. Fittings are sized at the hose barbs to fit PVC hoses.

Size: 1/2" - 2" I.D. Hose Sizes

Description: White Nylon

Packaging: Each



## Brass Hose Fittings, Ferrules, & Adapters

Brass hose fittings and brass ferrules designed to accommodate all sizes of fuel feed and vent hoses in the marine industry.

Size: 1/4" I.D. - 3/4" Hose Sizes.

Description: Solid Brass

Packaging: Each



# Hydraulic Hose & Assemblies

## Series 2SN SAE 100R2AT Two-Wire Braid

High-pressure, certified hydraulic hose for use with petroleum, synthetic or water-based fluids in hydraulic systems. Suitable for agricultural, earthmoving and material handling equipment and machinery systems. Meets or exceeds requirements of SAE 100R2 Type AT EN 8853 2SN.

Sizes: 1/4" – 2" I.D.

Temperature: -40° to 212°F

Description: Black with White Stripe

Tube and Cover: Black Synthetic Rubber

Reinforcement: Two Steel Wire Braids

Packaging: 50 Foot Coils, Custom Cut Lengths, Custom Hose Assemblies



ITEM #	I.D. (inch)	O.D. (inch)	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Weight (lbs/ft)
			PSI	BAR	PSI	BAR	Inch	mm	
4-2SN	1/4"	0.58"	5800	400	23200	1600	3.9"	100	0.242
6-2SN	3/8"	0.74"	4800	330	19200	1320	4.9"	125	0.363
8-2SN	1/2"	0.86"	4000	275	16000	1100	7.1"	180	0.457
10-2SN	5/8"	0.98"	3625	250	14500	1000	7.9"	200	0.538
12-2SN	3/4"	1.14"	3120	215	12480	860	9.4"	240	0.632
16-2SN	1"	1.48"	2400	165	9600	660	11.8"	300	0.907
20-2SN	1 1/4"	1.87"	1810	125	7240	500	16.5"	420	1.445
24-2SN	1 1/2"	2.11"	1300	90	5220	360	19.7"	500	1.781
32-2SN	2"	2.63"	1160	80	4640	320	24.8"	630	2.298

## Series 2SC SAE 100R16 Flexible Two-Wire Braid

Recommended for high-pressure hydraulic applications where extra flexibility is required. Meets or exceeds requirements of SAE 100R16 EN 857 2SC

Sizes: 1/4" – 1" I.D.

Temperature: -40° to 212°F

Description: Black with White Stripe

Tube and Cover: Black Synthetic Rubber

Reinforcement: Two Steel Wire Braids

Packaging: 50 Foot Coils, Custom Cut Lengths, Custom Hose Assemblies

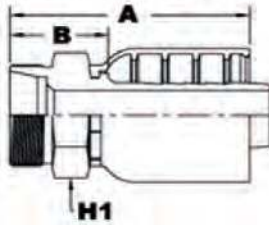
ITEM #	I.D. (inch)	O.D. (inch)	Maximum Working Pressure		Minimum Burst Pressure		Minimum Bend Radius		Weight (lbs/ft)
			PSI	BAR	PSI	BAR	Inch	mm	
4-2SC	1/4"	0.55"	5800	400	23200	1600	2.0"	50	0.210
6-2SC	3/8"	0.70"	5000	345	20000	1379	2.6"	65	0.310
8-2SC	1/2"	0.83"	5000	345	20000	1379	3.5"	90	0.410
10-2SC	5/8"	0.96"	4000	276	16000	1103	3.9"	100	0.490
12-2SC	3/4"	1.11"	3500	241	14000	965	4.7"	120	0.620
16-2SC	1"	1.43"	3000	206	12000	827	5.9"	150	0.880



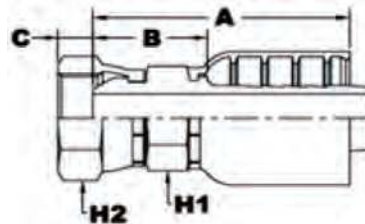
# Hydraulic Hose Fittings



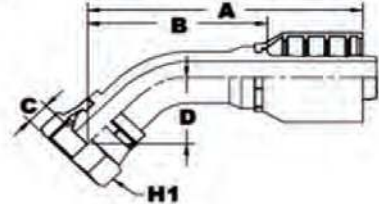
**K2MBPP**  
BSPP Male (60 Deg Seat)



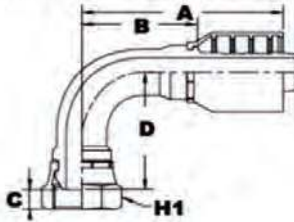
**K2FBPPX**  
BSPP Female Swivel (60 Deg Cone Seat)



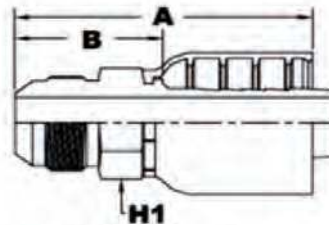
**K2FBPPX45**  
BSPP Female Swivel 45 Deg Elbow



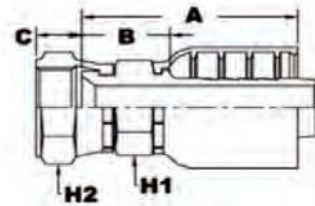
**K2FBPPX90**  
BSPP Female Swivel 60 Deg Cone Seat



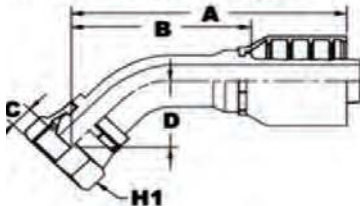
**K2MJ**  
Male JIC 37 Deg Flare



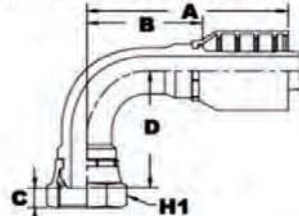
**K2FJX**  
Female JIC 37 Deg Flare



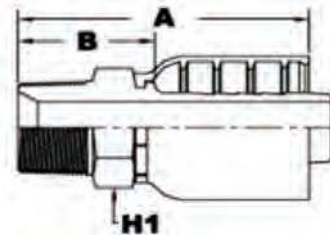
**FBPPX45**  
PP Female Swivel 45 Deg Elbow



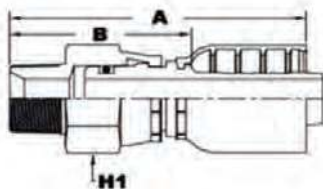
**K2FBPPX90**  
BSPP Female Swivel 60 Deg Cone Seat



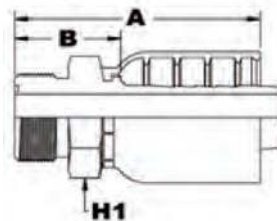
**K2MP**  
Male NPTF



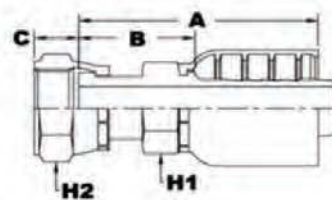
**K2MPX**  
Male NPTF Swivel



**K2MFOR**  
Male ORS



**K2FFORX**  
Female ORS Swivel



# AIC Cam & Groove Couplings

## Metal Selection:

CB = Cast Brass

AL = Aluminum

SS = 316 Stainless Steel

Units may be locked. Included safety clips can be inserted into lock handles to avoid disconnect during use.



Part A  
Male Adapters  
Female Thread

Size	CB	AL	SS
1/2"	A5ACB	N/A	N/A
3/4"	A7ACB	A7AAL	A7ASS
1"	A10ACB	A10AAL	A10ASS
1-1/4"	A12ACB	A12AAL	A12ASS
1-1/2"	A15ACB	A15AAL	A15ASS
2"	A20ACB	A20AAL	A20ASS
2-1/2"	A25ACB	A25AAL	A25ASS
3"	A30ACB	A30AAL	A30ASS
4"	A40ACB	A40AAL	A40ASS
5"	A50ACB	A50AAL	A50ASS



Part E  
Male Adapters  
Hose Shank

Size	CB	AL	SS
1/2"	A5ECB	N/A	N/A
3/4"	A7ECB	A7EAL	A7ESS
1"	A10ECB	A10EAL	A10ESS
1-1/4"	A12ECB	A12EAL	A12ESS
1-1/2"	A15ECB	A15EAL	A15ESS
2"	A20ECB	A20EAL	A20ESS
2-1/2"	A25ECB	A25EAL	A25ESS
3"	A30ECB	A30EAL	A30ESS
4"	A40ECB	A40EAL	A40ESS
5"	A50ECB	A50EAL	A50ESS



Part B  
\* Female Couplers  
Male Thread

Size	CB	AL	SS
1/2"	A5BCB	N/A	N/A
3/4"	A7BCB	A7BAL	A7BSS
1"	A10BCB	A10BAL	A10BSS
1-1/4"	A12BCB	A12BAL	A12BSS
1-1/2"	A15BCB	A15BAL	A15BSS
2"	A20BCB	A20BAL	A20BSS
2-1/2"	A25BCB	A25BAL	A25BSS
3"	A30BCB	A30BAL	A30BSS
4"	A40BCB	A40BAL	A40BSS
5"	A50BCB	A50BAL	A50BSS



Part F  
Male Adapters  
Male Thread

Size	CB	AL	SS
1/2"	A5FCB	N/A	N/A
3/4"	A7FCB	A7FAL	A7FSS
1"	A10FCB	A10FAL	A10FSS
1-1/4"	A12FCB	A12FAL	A12FSS
1-1/2"	A15FCB	A15FAL	A15FSS
2"	A20FCB	A20FAL	A20FSS
2-1/2"	A25FCB	A25FAL	A25FSS
3"	A30FCB	A30FAL	A30FSS
4"	A40FCB	A40FAL	A40FSS
5"	A50FCB	A50FAL	A50FSS



Part C  
\* Female Couplers  
Hose Shank

Size	CB	AL	SS
1/2"	A5CCB	N/A	N/A
3/4"	A7CCB	A7CAL	A7CSS
1"	A10CCB	A10CAL	A10CSS
1-1/4"	A12CCB	A12CAL	A12CSS
1-1/2"	A15CCB	A15CAL	A15CSS
2"	A20CCB	A20CAL	A20CSS
2-1/2"	A25CCB	A25CAL	A25CSS
3"	A30CCB	A30CAL	A30CSS
4"	A40CCB	A40CAL	A40CSS
5"	A50CCB	A50CAL	A50CSS



Part DP  
Dust Plug  
Use w/ Adapters

Size	CB	AL	SS
1/2"	A5DPCB	N/A	N/A
3/4"	A7DPCB	A7DPAL	A7DPSS
1"	A10DPCB	A10DPAL	A10DPSS
1-1/4"	A12DPCB	A12DPAL	A12DPSS
1-1/2"	A15DPCB	A15DPAL	A15DPSS
2"	A20DPCB	A20DPAL	A20DPSS
2-1/2"	A25DPCB	A25DPAL	A25DPSS
3"	A30DPCB	A30DPAL	A30DPSS
4"	A40DPCB	A40DPAL	A40DPSS
5"	A50DPCB	A50DPAL	A50DPSS



Part D  
\* Female Couplers  
Female Thread

Size	CB	AL	SS
1/2"	A5DCB	N/A	N/A
3/4"	A7DCB	A7DAL	A7DSS
1"	A10DCB	A10DAL	A10DSS
1-1/4"	A12DCB	A12DAL	A12DSS
1-1/2"	A15DCB	A15DAL	A15DSS
2"	A20DCB	A20DAL	A20DSS
2-1/2"	A25DCB	A25DAL	A25DSS
3"	A30DCB	A30DAL	A30DSS
4"	A40DCB	A40DAL	A40DSS
5"	A50DCB	A50DAL	A50DSS



Part DC  
Dust Cap  
Use w/ Adapters

Size	CB	AL	SS
1/2"	A5DCCB	N/A	N/A
3/4"	A7DCCB	A7DCAL	A7DCSS
1"	A10DCCB	A10DCAL	A10DCSS
1-1/4"	A12DCCB	A12DCAL	A12DCSS
1-1/2"	A15DCCB	A15DCAL	A15DCSS
2"	A20DCCB	A20DCAL	A20DCSS
2-1/2"	A25DCCB	A25DCAL	A25DCSS
3"	A30DCCB	A30DCAL	A30DCSS
4"	A40DCCB	A40DCAL	A40DCSS
5"	A50DCCB	A50DCAL	A50DCSS

# AIC Cam & Groove Coupling Accessories

## Replacement Handle Parts

Part Description	Size (in.)	Brass Part No.	316 Stainless Steel Part No.
 Handle Assembly (handle, ring, pin)	1/2"	5HRPBR	5HRPSS
	3/4"	7HRPBR	7HRPSS
	1"	10HRPBR	10HRPSS
	1-1/4"	12HRPBR	12HRPSS
	1-1/2"	15HRPBR	15HRPSS
	2"	20HRPBR	20HRPSS
	2-1/2"	25HRPBR	25HRPSS
	3"	30HRPBR	30HRPSS
	4"	40HRPBR	40HRPSS
	5"	50HRPBR	50HRPSS
	6"	60HRPBR	60HRPSS
 Chain with "S"	6" long, 12" long with "s" hooks	60CHBR 120CHBR	60CHSS 120CHSS
All arms assemblies include one handle, one ring and one pin. Stainless Steel handles are investment cast.	 Stainless Steel Pin	 Finger Ring	 Locking Clip
	Size	Part No.	Part No.
	3/4"	SSPN7	SSWR7
	1"	SSPN10	SSWR10
	1-1/4"	SSPN12	SSWR12
	1-1/2"	SSPN15	SSWR15
	2"	SSPN20	SSWR20
	2-1/2"	SSPN25	SSWR25
	3"	SSPN30	SSWR30
	4"	SSPN40	SSWR40
	5"	SSPN50	SSWR50
	6"	SSPN60	SSWR60


Recommended operating conditions for cam and groove couplings:

Size	Max. Working Pressure (psi)		
	AL	SS	CB
3/4"	250	250	200
1"	250	250	200
	250	250	200
	250	250	200
2"	250	250	200
	150	225	150
3	125	200	125
4	150	150	150
5	75	75	75
6	75	75	75

### WARNING

- If recommended working pressures are exceeded, burst or failure may occur
- Under no circumstances should cam and groove couplings be used for compressed gases/air or steam service
- Use only AIC cam arms on AIC products
- Dust caps and plugs are not to be used in pressure applications
- PSI ratings will be lower if banded

## Replacement Gaskets

 Size	Buna-N Standard (NB)	Buna-N Extra Thick	Neoprene (CR)	Viton® (FK)	Teflon® (TF)	EPDM (EP)
Size	Part No.	Part No.	Part No.	Part No.	Part No.	Part No.
1/2"	5GSKNB	5GSKXNB	5GSKCR	5GSKFK	5GSKTF	5GSKEP
3/4"	7GSKNB	7GSKXNB	7GSKCR	7GSKFK	7GSKTF	7GSKEP
1"	10GSKNB	10GSKXNB	10GSKCR	10GSKFK	10GSKTF	10GSKEP
1-1/4"	12GSKNB	12GSKXNB	12GSKCR	12GSKFK	12GSKTF	12GSKEP
1-1/2"	15GSKNB	15GSKXNB	15GSKCR	15GSKFK	15GSKTF	15GSKEP
2"	20GSKNB	20GSKXNB	20GSKCR	20GSKFK	20GSKTF	20GSKEP
2-1/2"	25GSKNB	25GSKXNB	25GSKCR	25GSKFK	25GSKTF	25GSKEP
3"	30GSKNB	30GSKXNB	30GSKCR	30GSKFK	30GSKTF	30GSKEP
4"	40GSKNB	40GSKXNB	40GSKCR	40GSKFK	40GSKTF	40GSKEP
5"	50GSKNB	50GSKXNB	50GSKCR	50GSKFK	50GSKTF	50GSKEP
6"	60GSKNB	60GSKXNB	60GSKCR	60GSKFK	60GSKTF	60GSKEP

# AIC Universal Air Hose Fittings



**Part HE**  
**Universal Hose**  
**End**

Size	PS
1/4"	UA2HEP
3/8"	UA3HEP
1/2"	UA5HEP
3/4"	UA7HEP
1"	UA10HEP
1-1/4"	UA12HEP
1-1/2"	UA15HEP



**Washers**

Size	NBR
2 Lug	UAGA2
4 Lug	UAGA4



**Part ME**  
**Universal**  
**Male End**

Size	PS
1/4"	UA2MEP
3/8"	UA3MEP
1/2"	UA5MEP
3/4"	UA7MEP
1"	UA10MEP
1-1/4"	UA12MEP
1-1/2"	UA15MEP
2"	UA20MEP



**Part BE**  
**Universal**  
**Bland End**

PS
UABEP



**Part FE**  
**Universal**  
**Female End**

Size	PS
1/4"	UA2FEP
3/8"	UA3FEP
1/2"	UA5FEP
3/4"	UA7FEP
1"	UA10FEP
1-1/4"	UA12FEP
1-1/2"	UA15FEP
2"	UA20FEP



**Part TW**  
**Universal**  
**3-Way**

PS
UATWP



## KC Nipples

Plated	
Size	Part Number
1/2"	KCN1/2
3/4"	KCN3/4
1"	KCN10
1-1/4"	KCN12
1-1/2"	KCN15
2"	KCN20
2-1/2"	KCN25
3"	KCN30
4"	KCN40
6"	KCN60
8"	KCN80



Stainless Steel	
Size	Part Number
1/2"	-
3/4"	KCN3/4SS
1"	KCN10SS
1-1/4"	KCN12SS
1-1/2"	KCN15SS
2"	KCN20SS
2-1/2"	KCN25SS
3"	KCN30SS
4"	KCN40SS
6"	KCN60SS
8"	KCN80SS



## Adapters

Part AA  
Male Adapters x Male Adapters



Size	Part Number
2"	A200AAAL
3"	A300AAAL
4"	A400AAAL
3" x 2"	A3020AAAL
3" x 4"	A304AAAL

Part DA  
Female Couplers x Male Adapters



Size	Part Number
2" x 3"	A2030DAAL
2" x 4"	A2040DAAL
3" x 2"	A3020DAAL
3" x 4"	A3040DAAL
4" x 2"	A4020DAAL
4" x 3"	A4030DAAL

Part DD  
Female Couplers x Female Couplers



Size	Part Number
2"	A200DDAL
3"	A300DDAL
4"	A400DDAL

## Crimp Sleeves



Size	Part Number	Description	I.D.	O.D. Range
1-1/2"	CSS52	1-1/2" Stainless Steel Crimp Sleeve	2.055"	1.953-2.000"
1-1/2"	CSS54	1-1/2" Stainless Steel Crimp Sleeve	2.118"	2.016-2.063"
1-1/2"	CSS56	1-1/2" Stainless Steel Crimp Sleeve	2.181"	2.078-2.125"
1-1/2"	CSS57	1-1/2" Stainless Steel Crimp Sleeve	2.055"	2.141-2.1875"
2"	CSS67	2" Stainless Steel Crimp Sleeve	2.626"	2.516-2.563"
2"	CSS68	2" Stainless Steel Crimp Sleeve	2.689"	2.578-2.625"
2"	CSS70	2" Stainless Steel Crimp Sleeve	2.744"	2.641-2.688"
2"	CSS72	2" Stainless Steel Crimp Sleeve	2.807"	2.703-2.750"
3"	CSS94	3" Stainless Steel Crimp Sleeve	3.689"	3.578-3.625"
3"	CSS95	3" Stainless Steel Crimp Sleeve	3.750"	3.641-3.688"
3"	CSS97	3" Stainless Steel Crimp Sleeve	3.823"	3.703-3.750"
3"	CSS98	3" Stainless Steel Crimp Sleeve	3.886"	3.766-3.813"
4"	CSS118	4" Stainless Steel Crimp Sleeve	4.626"	4.578-4.625"
4"	CSS121	4" Stainless Steel Crimp Sleeve	4.752"	4.641-4.688"
4"	CSS122	4" Stainless Steel Crimp Sleeve	4.811"	4.703-4.750"
4"	CSS124	4" Stainless Steel Crimp Sleeve	4.886"	4.766-4.813"

## Custom Hand-Built Hose Options



**UIP International Custom Hose Types Built to Your Specifications**

Hose Type	Description	Hose Type	Description
130	Industrial Vacuum Hose	528	Methane Gas Digester
225	Oil Cargo Discharge Hose 250 psi	534	Leaf Collector/Dry Powder Hose
226	Oil Discharge Hose 150 psi	600	Well Point Sleeve Hose
231	Oil Suction & Discharge Hose 150 psi	625	Clam Jetting Hose 150 psi
240	Suction and Discharge Hose 250 psi	732	Potable Water Suction & Discharge Hose
244	LPG Hose	810	Sand & Cement Discharge Hose
248	Molten Sulfur Hose	828	Sand/Cement/Slurry Suction & Discharge Hose
265	Sewage/Sludge/Corrosive & Abrasive Materials	846	Plaster & Grout Hose
313	Elephant Trunk Hose	847	Guniting Hose
350	Dredge Sleeve Hose	848	Shotcrete Hose
364	Sand/Slurry/Fly Ash Vacuum Hose	902	Dredge Suction & Discharge Hose
464	Acid Suction Hose	926	Fish Discharge Hose
510	Vacuum Loader Truck Sewer & Water Hose	927	Fish Suction Hose

# Conditions of Sale

**General:** These Conditions of Sale ("Conditions") apply to the sale of goods by UIP International, Inc. ("Seller"). The Seller will not be bound by any other agreements, contract, modification or waiver of these Conditions unless expressly approved in writing by an authorized employee or agent of Seller.

**Delivery:** Unless otherwise agreed in writing, delivery is F.O.B. Seller's warehouse for sales from Seller's stock, and delivery is F.O.B. Purchaser's warehouse for direct container shipments. Regardless of whether delivery is F.O.B. Seller's warehouse or Purchaser's warehouse, the responsibility for payment of freight, insurance, duty and other costs shall be determined by the agreed terms of the particular sale. Seller has choice of routing and may deliver goods in more than one lot. Each lot shall be deemed a separate contract and paid for separately. Any delivery made within thirty (30) days of the agreed date shall constitute timely delivery and delivery of goods any time thereafter shall be timely delivered unless Seller receives written notice of cancellation by certified or registered mail five days prior to shipment. Seller shall be permitted quantity variations of ten percent (10%) more or less than specified, with the price being adjusted accordingly.

**Freight Policy:** Seller prepays shipments of \$3500 to any one (1) continental U.S.A. location on shipments from warehouse.

**Prices:** All prices shown on Seller's catalogs or other price lists are subject to change without notice. If Seller's costs are increased between the date Purchaser's order is accepted and the date of delivery by increases in transportation costs, port dues, wharfage, tolls, loading charges, insurance rates, import or export taxes, customs duties, customers appraisals, currency conversion rates, or governmental action of any kind, Seller may increase the price accordingly by notifying Purchaser.

**Payment Terms:** Seller's payment terms are ½% 10 net days from invoice date or 30 days net.

**Taxes:** Seller's prices do not include any applicable Federal, State or local property, license, privilege, sales, use, excise, gross receipts or other like taxes which may be now or hereafter applicable to, measured by, or imposed upon or with respect to this transaction, the goods, their sale, value or use, or any services performed in connection therewith, which taxes will be paid by Purchaser.

**Setoffs:** Neither Purchaser nor any affiliated company or assignee shall have the right to set off against any amounts which may become payable to the Seller under this contract or otherwise, for amounts which the Seller may allegedly or in fact owe the Purchaser or any affiliated company or assignee, whether arising out of this contract or otherwise.

**Force Majeure:** Seller shall not be liable for loss, damage, detention or delay due to war, riots, civil insurrection or acts of the common enemy, fire, flood, strikes or labor difficulties, acts of civil or military authority including governmental laws, orders, priorities or regulations, acts of the purchaser, embargo, car shortage, wrecks or delay in transportation, inability to obtain necessary labor, material or manufacturing facilities, or other causes beyond the reasonable control of the Seller. In the event such delays exceed ninety (90) days, Purchaser shall have the option to cancel its order upon written notice to the Seller prior to shipment.

**Warranties:** Seller warrants that the goods conform to the written description, if any given to Purchaser by Seller, and that the goods are free from defects in workmanship and material at the time of shipment by Seller. Seller warrants no length or measure of service unless expressly agreed in writing by Seller. This Warranty shall not apply to goods which have been destroyed, lost, disposed of or are otherwise unavailable for inspection by Seller.

**THE SELLER MAKES NO OTHER WARRANTY OR REPRESENTATION AND EXPRESSLY DISCLAIMS ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. NO REPRESENTATIONS OR PROMISES BEYOND THOSE STATED HEREIN.**

**Limitation of Liability:** In the event it is finally determined that the Seller has breached its warranty, Purchaser's sole and exclusive remedy is to require Seller to replace such goods without charge or refund that portion of the price allocatable to such goods, whichever Seller elects at its option. In no event will Seller be liable to Purchaser or to any third party or any other person for any consequential, incidental, indirect, special or punitive damages arising from any cause whatsoever, whether or not such loss or damage is based on contract, warranty, negligence, indemnity, strict liability or otherwise. Under no circumstances will the aggregate liability of Seller to Purchaser and/or other persons exceed the sales price of the goods in question.

**Return of Goods:** Purchaser may return goods only upon approval by the Seller, evidenced by valid returned goods authorization (RGA) number issued to Purchaser by Seller. If approved, conforming goods shall be subject to a handling charge equal to 15% of the purchase price. Purchaser shall bear the cost of return freight and risk of loss of the goods. In the event that the returned goods are found by Seller to be non-conforming and a credit, adjustment or replacement is allowed, Seller shall refund Purchaser's cost of return transportation. Purchaser may not cancel or modify any order except upon payment to the Seller of such damages, handling charges or other cancellation charges as may be mutually agreed in advance between the parties in writing.

**Charge on Overdue Accounts:** A charge of 1½% per month or the highest rate permitted by law shall be payable on all overdue accounts.

**Assignment:** This contract may not be assigned by Purchaser without the prior written consent of Seller.

**Severability:** In the event that any provision of this contract is held invalid by a court of competent jurisdiction, the remaining terms shall remain in full force and effect.

**Claims and Limitation on Actions:** Claims of non-conformity or defect must be made by certified mail, return receipt requested, within sixty (60) days of Purchaser's receipt of the goods and any such claims not timely made in this manner shall be considered waived by purchaser. Any lawsuit or other action brought by Purchaser to enforce any claim or alleged claim against Seller with respect to goods sold by Seller to purchaser must be commenced within one (1) year after the alleged cause of action against Seller has accrued, notwithstanding a long applicable statute of limitations under law.

**Damage and Shortage Claims:** All claims for concealed loss or damage should be reported immediately to our Customer Service Department. All claims for damage and shortage via common carrier must be filed by consignee direct with carrier. Claims must be filed within 15 days of receipt of shipment.

**Governing Law:** These conditions shall be construed in accordance with the laws of the State of Florida, and the respective rights and obligations of the Purchaser and Seller will be governed by the laws of the State of Florida.

# UIP International, Inc

## Florida:

1350 S. Dixie Highway East | Pompano Beach, FL 33060  
(954) 785-3539

## Texas:

6002 Griggs Road | Houston, TX 77023  
(713) 357-3017

## Mailing Address:

P.O. Box 1299 | Pompano Beach, FL 33061

800-257-2467 | [www.uipintl.com](http://www.uipintl.com)  
[sales@uipintl.com](mailto:sales@uipintl.com)

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