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# INDUSTRIAL & MARINE HOSE PRODUCTS

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EXCEPTIONAL QUALITY | LARGE INVENTORY  
SAME DAY SHIPPING  
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Industrial hoses are critical system components and their purchase and supply should not be trusted to just anyone. UIP International hose products provide you with the safest and most dependable products available on the market. UIP supplies a variety of industrial 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 continuity and compliance with all requirements. This certification helps to ensure all our products are safe, reliable, and of excellent quality.

EXCEPTIONAL QUALITY

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LARGE INVENTORY

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DEDICATED CUSTOMER SERVICE

# INDUSTRIAL & MARINE HOSE PRODUCTS

## ISO 9001:2015 CERTIFIED

Where Quality is the Standard





# Table Of Contents

## AIR / MULTI-PURPOSE HOSE

|  |   |
|--|---|
| • SERIES 111 Oxygen Charging Air Hose.....                           | 6 |
| • SERIES 112 Textile Reinforced Air Hose.....                        | 6 |
| • SERIES 114 Textile/Wire Reinforced Air Hose.....                   | 7 |
| • SERIES 142 Hot Air Blower Hose.....                                | 7 |
| • SERIES 133 Red EPDM Multi- Purpose Air & Water Hose 200 psi.....   | 8 |
| • SERIES 135 Red Nitrile Multi-Purpose Air & Water Hose 300 psi..... | 8 |

## CHEMICAL HOSE

|   |   |
|---|---|
| • SERIES 422 Corrugated UHMW Chemical Hose..... | 9 |
|---|---|

## PETROLEUM HOSE

|  |    |
|--|----|
| • SERIES 226 Oil Discharge Hose.....           | 10 |
| • SERIES 230 Tank Truck Hose.....              | 11 |
| • SERIES 230HD Heavy Duty Tank Truck Hose..... | 11 |

## WATER HOSE

|  |    |
|--|----|
| • SERIES 618 Medium Duty Water Discharge Hose.....     | 12 |
| • SERIES 622 Water Suction & Discharge Hose.....       | 12 |
| • SERIES 624 Creamery & Paper Mill Wash Down Hose..... | 13 |

## STEAM HOSE

|  |    |
|--|----|
| • SERIES 536 High-Pressure Steam Hose..... | 14 |
|--|----|

## FDA FOOD GRADE / SANITARY HOSE

|   |    |
|---|----|
| • SERIES 725 Brewers & Vintners Discharge Hose.....               | 15 |
| • SERIES 155 SpringFlex Spring Wire Suction Hose.....             | 15 |
| • SERIES 150 FDA Clear Low-Pressure PVC Tubing.....               | 16 |
| • SERIES 162 FDA Polyester Reinforced Red Tracer PVC Tubing.....  | 17 |
| • SERIES 163 FDA Polyester Reinforced Clear PVC Tubing.....       | 17 |
| • SERIES 164 FDA Polyester Reinforced Blue Tracer PVC Tubing..... | 17 |

## MATERIAL HANDLING HOSE

|   |    |
|---|----|
| • SERIES 333 Unalok Multi-Purpose Material Handling Hose..... | 18 |
| • SERIES 333 Unalok Coupling and Gasket.....                  | 19 |
| • SERIES 335 Sandblast Hose.....                              | 20 |
| • SERIES 846 Concrete & Plaster Hose.....                     | 20 |
| • SERIES 831 Dry Cement Hose .....                            | 21 |

## SPECIAL APPLICATION HOSE

|   |    |
|---|----|
| • SERIES 242 Hot Tar & Asphalt Hose.....          | 22 |
| • SERIES 313 Elephant Trunk Hose.....             | 22 |
| • SERIES 537 1-Ply Furnace Door Coolant Hose..... | 23 |
| • SERIES 538 2-Ply Furnace Door Coolant Hose..... | 23 |

## MARINE HOSE

|   |    |
|---|----|
| ▪ SERIES M120 Bilge Pump Hose.....                                | 24 |
| ▪ SERIES M141 FDA Clear PVC Lightweight Black Helix Hose.....     | 24 |
| ▪ SERIES M148 Smooth Flex FDA Sanitation Hose.....                | 25 |
| ▪ SERIES M149 FDA Live Well Hose.....                             | 25 |
| ▪ SERIES M125 Electrical Conduit Hose.....                        | 26 |
| ▪ SERIES M127 Crush-Resistant Sternflex Conduit Hose.....         | 26 |
| ▪ SERIES M350 A1 Fuel Hose.....                                   | 27 |
| ▪ SERIES M360 A2 Fuel Hose.....                                   | 27 |
| ▪ SERIES M110/200 Softwall Exhaust Hose.....                      | 28 |
| ▪ SERIES M100/250 Hardwall Exhaust Hose.....                      | 29 |
| ▪ SERIES M252 Corrugated Hardwall Exhaust.....                    | 30 |
| ▪ SERIES BSIL SAEJ20 Straight Silicone Hose.....                  | 31 |
| ▪ SERIES 150 FDA Clear Low-Pressure PVC Tubing.....               | 16 |
| ▪ SERIES 162 FDA Polyester Reinforced Red Tracer PVC Tubing.....  | 17 |
| ▪ SERIES 163 FDA Polyester Reinforced Clear PVC Tubing.....       | 17 |
| ▪ SERIES 164 FDA Polyester Reinforced Blue Tracer PVC Tubing..... | 17 |
| ▪ SERIES 720 Marine Hose Clamps.....                              | 35 |

## OFFSHORE OIL & SUBMARINE HOSE

|   |    |
|---|----|
| ▪ SERIES 297 Daytona Mainline Submarine Hose..... | 32 |
| ▪ SERIES 298 Daytona Tanker Rail Hose.....        | 33 |
| ▪ SERIES 299 Daytona PLEM Hose.....               | 33 |
| ▪ SERIES 902 Dredge Hose .....                    | 34 |

## HYDRAULIC HOSE

|   |    |
|---|----|
| ▪ SERIES 2SN 100R2AT 2-Wire Braid Hydraulic Hose.....         | 36 |
| ▪ SERIES 2SC 100R16 Flexible 2-Wire Braid Hydraulic Hose..... | 36 |
| ▪ Hydraulic Hose Fittings.....                                | 37 |

## AIC HOSE COUPLINGS

|                                    |    |
|------------------------------------|----|
| ▪ Cam & Groove Couplings.....      | 38 |
| ▪ Cam & Groove Accessories.....    | 39 |
| ▪ Universal Air Hose Fittings..... | 40 |
| ▪ KC Nipples.....                  | 41 |
| ▪ Adapters.....                    | 41 |
| ▪ Crimp Sleeves.....               | 41 |

## CUSTOM HOSE OPTIONS

|                                   |    |
|-----------------------------------|----|
| ▪ Custom Hoses Built to Spec..... | 42 |
|-----------------------------------|----|

## Oxygen Charging Hose Series 111

A premium air hose designed for lancing and scarfing in steel mills and foundries. High quality Neoprene rubber compounds stand up to tough, oily environments. The green Neoprene cover can be used to indicate color coding for oxygen and offers protection against sparks and abrasions. Made on stainless steel mandrels, no petroleum lubrications, ends capped at factory.

### Construction:

Tube: Black Chloroprene  
 Reinforcement: Multiple Textile Plies  
 Cover: Green Neoprene  
 Standard Length: 100 feet  
 Temperature Rating: -30°F to +180°F (-35°C to +82°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 0.50       | 0.98       | 0.31           | 500        | 100'                     |
| 0.75       | 1.30       | 0.48           | 500        | 100'                     |
| 1.00       | 1.54       | 0.59           | 500        | 100'                     |
| 1.25       | 1.79       | 0.71           | 500        | 100'                     |
| 1.50       | 2.14       | 0.98           | 500        | 100'                     |
| 2.00       | 2.67       | 1.25           | 500        | 100'                     |
| 3.00       | 3.72       | 2.11           | 500        | 100'                     |

## Textile Reinforced Air Hose Series 112

### Air Drill 300 Air Hose

A light and flexible, yet sufficiently rugged hose, made to withstand the abuse and hard service found in mining and construction. It has excellent resistance to abrasion, gouging and weathering. Specially designed for superior flexibility and kink resistance.

### Construction:

Tube: Black synthetic rubber (oil mist resistant)  
 Reinforcement: Multiple Textile Plies  
 Cover: Yellow SBR/EPDM blend (abrasive and oil mist resistant)  
 Standard Length: 50 and 100 feet  
 Temperature Rating: -20°F to +180°F (-29°C to +82°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 0.75       | 1.20       | 0.41           | 300        | 50'/100'                 |
| 1.00       | 1.44       | 0.55           | 300        | 50'/100'                 |
| 1.25       | 1.75       | 0.79           | 300        | 50'/100'                 |
| 1.50       | 1.97       | 0.94           | 300        | 50'/100'                 |
| 2.00       | 2.52       | 1.41           | 300        | 50'/100'                 |
| 2.50       | 3.18       | 1.62           | 300        | 50'/100'                 |
| 3.00       | 3.62       | 2.21           | 300        | 50'/100'                 |

# Contractor's Wire Braid Air Hose Series 114

Heavy duty wire reinforced hose designed for the most severe service in mines, quarries, and heavy construction. The braided construction offers superior flexing without kinking and is excellent for compressor air applications. Tough ozone and abrasion resistant cover.

**Construction:**

- Tube: Black Synthetic Compound (Oil Mist Resistant)
- Reinforcement: One or multiple wire braids
- Cover: Yellow Synthetic Compound
- Standard Length: 100 feet
- Temperature Rating: -20°F to +212°F (-29°C to +100°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 0.50       | 0.89       | 0.36           | 600        | 100'                     |
| 0.75       | 1.14       | 0.62           | 600        | 100'                     |
| 1.00       | 1.33       | 0.82           | 600        | 100'                     |
| 1.25       | 1.69       | 1.08           | 600        | 100'                     |
| 1.50       | 1.97       | 1.27           | 600        | 50'/100'                 |
| 2.00       | 2.54       | 1.89           | 600        | 50'/100'                 |
| 2.50       | 3.07       | 2.44           | 600        | 50'/100'                 |
| 3.00       | 3.62       | 3.29           | 600        | 50'/100'                 |

# Hot Air Blower Hose Series 142

This hose is specifically designed to convey hot air at 350°F continuously in the process of loading/unloading dry materials in plants or transport vehicles. The hose transfers hot air from the compressor to the storage bin/cargo bay to propel bulk product. The specially formulated EPDM tube and cover offer excellent resistance to heat as well as to weather and ozone.

**Construction:**

- Tube: Black EPDM
- Reinforcement: Multiple textile spirals w/dual wire helix
- Cover: Black heat-resistant EPDM
- Standard Length: 100 feet
- Temperature Rating: -40°F to +356°F (-40°C to +180°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 2          | 2.67       | 1.17           | 150        | 100'                     |
| 3          | 3.46       | 1.97           | 150        | 100'                     |
| 4          | 4.82       | 2.94           | 100        | 100'                     |

Air/Multipurpose Hose

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

A tough, general service air and water hose suitable for use in general water discharge service, medium duty service for air, water and pneumatic tools, mines agriculture, and construction. It is abrasion and ozone resistant. 200 PSI

### Construction:

Tube: EPDM Synthetic Rubber

Reinforcement: Spiral Textile

Cover: Red Anti-static Synthetic Rubber EPDM

Length: 100 feet

Temperature Rating: -40°F to +212°F (-40°C to +100°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 1/4        | 0.49       | 0.13           | 200        | STOCK                    |
| 3/8        | 0.68       | 0.23           | 200        | STOCK                    |
| 1/2        | 0.89       | 0.38           | 200        | STOCK                    |
| 5/8        | 1.00       | 0.44           | 200        | STOCK                    |
| 3/4        | 1.12       | 0.50           | 200        | STOCK                    |
| 1          | 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 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 |
|------------|------------|----------------|------------|--------------------------|
| 1/4        | 0.49       | 0.13           | 300        | STOCK                    |
| 3/8        | 0.68       | 0.23           | 300        | STOCK                    |
| 1/2        | 0.89       | 0.38           | 300        | STOCK                    |
| 5/8        | 1.00       | 0.44           | 300        | STOCK                    |
| 3/4        | 1.12       | 0.50           | 300        | STOCK                    |
| 1          | 1.44       | 0.80           | 300        | STOCK                    |



# UHMW Corrugated Chemical Hose Series 422

The Ultra High Molecular Weight Polyethylene tube (UHMWPE) will handle 98% of the most common chemicals without leaching and contaminating the product being conveyed. (Refer to the chemical guide to determine compatibility with chemicals and applications.)

## Construction:

Tube: UHMW Polyethylene

Reinforcement: Multiple textile plies with dual helix wire

Cover: Corrugated Green EPDM

Standard Length: 100 feet

Temperature Rating: -40°F to +212°F (-40°C to +100°C)

\*250 PSI available upon request



| I.D. (in.) | O.D. (in.) | Bend Radius (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|-------------------|----------------|------------|--------------------------|
| 0.75       | 1.22       | 3.5               | 0.42           | 200        | 100'                     |
| 1.00       | 1.46       | 4.0               | 0.48           | 200        | 100'                     |
| 1.25       | 1.77       | 4.0               | 0.71           | 200        | 100'                     |
| 1.50       | 2.01       | 5.0               | 0.81           | 200        | 100'                     |
| 2.00       | 2.56       | 6.0               | 1.17           | 200        | 100'                     |
| 2.50       | 3.11       | 8.0               | 1.70           | 200        | 100'                     |
| 3.00       | 3.62       | 9.0               | 2.01           | 150        | 100'                     |
| 4.00       | 4.65       | 10.0              | 2.75           | 150        | 100'                     |



# Oil Discharge Hose Series 226

A lightweight discharge hose designed to handle gasoline, oil, ethanol blends, and other petroleum based products up to 50% aromatic content.

**Construction:**

Tube: Black Nitrile (ARPM Class A ORS)

Reinforcement: Multiple textile plies w/static wire

Cover: Red Nitrile/PVC

Length: 100 feet

Temperature Rating: -30°F to +180°F (-34°C to +82°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 1.5"       | 1.97       | 0.72           | 150        | 100'                     |
| 2"         | 2.5        | 0.93           | 150        | 100'                     |
| 3"         | 3.50       | 1.40           | 150        | 100'                     |
| 4"         | 4.66       | 2.35           | 150        | 100'                     |





# Tank Truck Hose Series 230

A suction and discharge hose designed for the transfer of petroleum products such as oils and refined fuels such as gasoline, diesel, ethanol blends, and other petroleum based products up to 50% aromatic content. The cover is resistant to oils, ozone, and abrasion.

## Construction:

Tube: Black Nitrile (ARPM Class A ORS)

Reinforcement: Multiple textile plies with dual helix wire

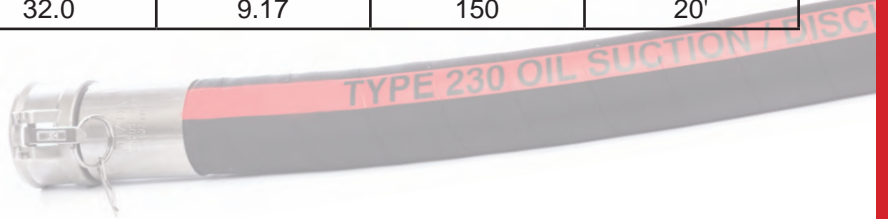
Cover: Black Nitrile/PVC (weather & ozone resistant)

Standard Length: 100 feet, 6" & 8" 20 feet

Temperature Rating: -40°F to +180°F (-40°C to +82°C)



| I.D. (in.) | O.D. (in.) | Bend Radius (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|-------------------|----------------|------------|--------------------------|
| 1.00       | 1.38       | 2.5               | 0.43           | 150        | 100'                     |
| 1.25       | 1.65       | 3.0               | 0.59           | 150        | 100'                     |
| 1.50       | 1.93       | 4.0               | 0.78           | 150        | 100'                     |
| 2.00       | 2.48       | 5.0               | 1.13           | 150        | 100'                     |
| 2.50       | 2.99       | 6.0               | 1.54           | 150        | 100'                     |
| 3.00       | 3.50       | 8.0               | 1.86           | 150        | 100'                     |
| 4.00       | 4.57       | 12.0              | 2.62           | 150        | 100'                     |
| 6.00       | 6.69       | 24.0              | 5.34           | 150        | 20'/100'                 |
| 8.00       | 8.86       | 32.0              | 9.17           | 150        | 20'                      |



# Tank Truck Hose Series 230 HD

Designed for heavy-duty service in the transfer of petroleum products up to 50% aromatic, including gasoline, oil, diesel fuels, and ethanol blends. Ideal for applications where an extremely lightweight, flexible hose with a high working pressure and small bend radius is required.

## Construction:

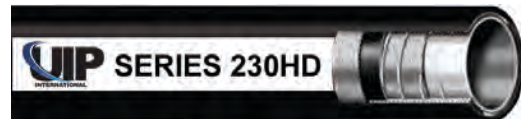
Tube: Black Nitrile (ARPM Class A ORS)

Reinforcement: Multiple textile plies w/ dual wire helix

Cover: Black Nitrile/PVC (weather & ozone resistant)

Standard Length: 100 feet

Temperature Rating: -40° to 180°F



| I.D. (in.) | O.D. (in.) | Minimum Bend Radius (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|---------------------------|----------------|------------|--------------------------|
| 2          | 2.56       | 6.0                       | 1.28           | 300        | STOCK                    |
| 3          | 3.58       | 9.0                       | 2.25           | 300        | STOCK                    |
| 4          | 4.69       | 14.0                      | 3.20           | 300        | STOCK                    |

# Medium Duty Water Discharge Hose Series 618

Light, flexible, durable - and with 150 PSI working pressure in all sizes, this hose is the most versatile choice for many water discharge applications. Tube and cover are flexible EPDM rubber, resistant to weathering and to many light industrial and agricultural chemicals.

## Construction:

Tube: Black SBR

Reinforcement: Multiple textile plies

Cover: Black SBR

Standard Length: 50 feet and 100 feet

Temperature Rating: -20° to 180°F



| I.D. (in.) | O.D. (in.) | Plies | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|-------|----------------|------------|--------------------------|
| 1-1/2      | 1.80       | 2     | 0.52           | 150        | STOCK                    |
| 2          | 2.32       | 2     | 1.08           | 150        | STOCK                    |
| 2.5        | 2.80       | 2     | 1.36           | 150        | STOCK                    |
| 3          | 3.33       | 2     | 1.59           | 150        | STOCK                    |
| 4          | 4.33       | 2     | 2.48           | 150        | STOCK                    |
| 6          | 6.34       | 2     | 4.29           | 150        | STOCK                    |
| 8          | 8.55       | 4     | 5.60           | 150        | STOCK                    |
| 10         | 10.55      | 4     | 6.22           | 150        | STOCK                    |
| 12         | 12.58      | 4     | 6.44           | 150        | STOCK                    |

# Heavy Duty Water Suction & Discharge Hose Series 622

This water suction hose is designed to handle a wide range of applications in industry, construction, and agriculture. The tough, flexible EPDM rubber construction will resist abrasion, weathering and the effects of agricultural herbicides and other mild chemicals.

\*Corrugated options available.

## Construction:

Tube: Black SBR/EPDM blend

Reinforcement: Multiple textile plies with dual wire helix

Cover: Black SBR/EPDM blend

Standard Length: 100 feet; 8"-12" 20 feet

Temperature Rating: -20° to 180°F



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Bend Radius (in) | Stock Item or Min. Order |
|------------|------------|----------------|------------|------------------|--------------------------|
| 1.5        | 1.91       | 0.86           | 150        | 6.0              | 100'                     |
| 2          | 2.46       | 1.24           | 150        | 7.0              | 100'                     |
| 2.5        | 2.95       | 1.37           | 150        | 10.0             | 100'                     |
| 3          | 3.49       | 2.11           | 150        | 14.0             | 100'                     |
| 4          | 4.61       | 2.79           | 150        | 14.0             | 100'                     |
| 6          | 6.57       | 6.04           | 150        | 30.0             | 100'                     |
| 8          | 8.74       | 9.25           | 150        | 38.0             | 20'                      |
| 10         | 10.87      | 10.86          | 150        | 50.0             | 20'                      |
| 12         | 12.87      | 13.68          | 150        | 66.0             | 20'                      |

# 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. The non-marking cover is compounded to resist animal greases, fatty acids, alkalis and caustics. The SBR tube and cover are resistant to water absorption. Available with built-in tapered no-marking nozzle.

**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                    |
| 1.5        | 2.08       | 0.87           | 100        | STOCK                    |





# Steam Hose Series 536

Designed for transferring steam for processing products and equipment cleaning. The rugged construction makes this hose an excellent choice for all around steam service in chemical plants, refineries, shipyards and demanding industrial service.

## Construction:

Tube: Black EPDM

Reinforcement: Multiple wire braids

Cover: Perforated Black EPDM

Standard Length: 50 and 100 feet

Safety factor: 10:1

Temperature Rating: -40°F to +450°F (-40°C to +232°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 0.75       | 1.25       | 0.49           | 250        | STOCK                    |
| 1          | 1.50       | 0.84           | 250        | STOCK                    |
| 1.25       | 1.80       | 1.08           | 250        | STOCK                    |
| 1.5        | 2.12       | 1.21           | 250        | STOCK                    |
| 2          | 2.60       | 1.68           | 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.

## Construction:

Tube: White Nitrile (FDA)

Reinforcement: Multiple spiral textile plies

Cover: Orange abrasion resistant Nitrile/PVC

Standard Length: 100 feet

Temperature Rating: -20°F to +220°F (-40°C to +104°C)



| 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                    |

# PVC Spring-Wire Suction Hose Series 155

Food and beverage dispensing. 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. It's also an excellent choice for agricultural irrigation applications.

## Construction:

Tube: Clear PVC

Reinforcement: Spring wire

Standard Length: 100 feet

Temperature Rating: -20° to 150°F



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 0.5        | 0.81       | 0.21           | 150        | STOCK                    |
| 0.625      | 1.00       | 0.32           | 100        | STOCK                    |
| 0.75       | 1.13       | 0.36           | 100        | STOCK                    |
| 1          | 1.38       | 0.47           | 84         | STOCK                    |
| 1.25       | 1.75       | 0.56           | 84         | STOCK                    |
| 1.5        | 2.00       | 0.61           | 84         | STOCK                    |
| 2          | 2.50       | 0.70           | 70         | STOCK                    |

# Clear PVC Tubing Series 150

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.



## Construction:

Temperature Rating: -10° to 130°F

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

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

| I.D. (inch) | I.D. (mm) | O.D. (inch) | O.D. (mm) | WP (psi) | Weight (lbs/ft) |
|-------------|-----------|-------------|-----------|----------|-----------------|
| 3/16        | 4.762     | 0.313       | 7.962     | 65       | 0.004           |
| 1/4         | 6.350     | 0.407       | 10.350    | 60       | 0.008           |
| 5/16        | 7.937     | 0.501       | 12.737    | 55       | 0.025           |
| 3/8         | 9.525     | 0.564       | 14.325    | 55       | 0.030           |
| 1/2         | 12.700    | 0.720       | 18.300    | 45       | 0.060           |
| 5/8         | 15.875    | 0.845       | 21.475    | 40       | 0.075           |
| 3/4         | 19.050    | 0.970       | 24.650    | 35       | 0.095           |
| 1           | 25.400    | 1.252       | 31.800    | 30       | 0.270           |
| 1-1/8       | 28.575    | 1.377       | 34.975    | 20       | 0.290           |
| 1-1/4       | 31.750    | 1.502       | 38.150    | 20       | 0.310           |
| 1-1/2       | 38.100    | 1.752       | 44.500    | 20       | 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.

## Polyester Reinforced PVC Red Tracer Series 162

Temperature Rating: -10° to 130°F

Description: Smooth, Clear PVC Tube with Red Tracer Wire

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

| I.D. (inch) | I.D. (mm) | WP (psi) | Weight (lbs/ft) |
|-------------|-----------|----------|-----------------|
| 3/8         | 9.525     | 200      | 0.030           |
| 1/2         | 12.700    | 200      | 0.060           |
| 5/8         | 15.875    | 200      | 0.075           |
| 3/4         | 19.050    | 170      | 0.095           |
| 1           | 25.400    | 145      | 0.270           |
| 1-1/4       | 31.750    | 95       | 0.310           |
| 1-1/2       | 38.100    | 90       | 0.680           |



## Polyester Reinforced Clear PVC Series 163

Temperature Rating: -10° to 130°F

Description: Smooth, Clear PVC Tube

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

| I.D. (inch) | I.D. (mm) | WP (psi) | Weight (lbs/ft) |
|-------------|-----------|----------|-----------------|
| 3/8         | 9.525     | 265      | 0.030           |
| 1/2         | 12.700    | 240      | 0.060           |
| 5/8         | 15.875    | 200      | 0.075           |
| 3/4         | 19.050    | 170      | 0.095           |
| 1           | 25.400    | 150      | 0.270           |
| 1-1/4       | 31.750    | 95       | 0.310           |
| 1-1/2       | 38.100    | 90       | 0.680           |



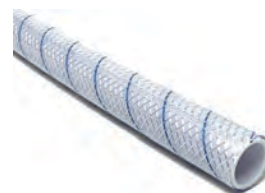
## Polyester Reinforced PVC Blue Tracer Series 164

Temperature Rating: -10° to 130°F

Description: Smooth, Clear PVC Tube with Blue Tracer Wire

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

| I.D. (inch) | I.D. (mm) | WP (psi) | Weight (lbs/ft) |
|-------------|-----------|----------|-----------------|
| 3/8         | 9.525     | 200      | 0.030           |
| 1/2         | 12.700    | 200      | 0.060           |
| 5/8         | 15.875    | 200      | 0.075           |
| 3/4         | 19.050    | 170      | 0.095           |
| 1           | 25.400    | 145      | 0.270           |
| 1-1/2       | 38.100    | 90       | 0.680           |





# Unalok Hose Series 333

A flexible solution for a wide variety of material handling needs. Save time and money with our most versatile material handling hose, available in sizes up to 14" and in a variety of rubber tube compounds. This industrial engineered hose is as easy to assemble as a band-on coupling and 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 hose can be kept on hand in frequently used sizes, allowing for immediate on-the-job repairs 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 rubber tube



## Construction:

Tube: Black NR/SBR Blend

Reinforcement: Spiral plies of synthetic fabric with wire helix

Cover: Black Corrugated Abrasion Resistant SBR

Standard Lengths: 100 and 40 feet

Temperature Rating: -20°F to 220°F

| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | Lining/Tube Thickness (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                    |
| 2.5        | 3.61       | 3.36           | 1/4"                        | 150        | 25"       | 12 9/16            | 100'                 | STOCK                    |
| 3          | 4.65       | 4.80           | 1/4"                        | 150        | 25"       | 13 3/4             | 100'                 | STOCK                    |
| 4          | 5.38       | 5.00           | 1/4"                        | 150        | 25"       | 19 5/8             | 100'                 | STOCK                    |
| 5          | 6.58       | 7.40           | 5/16"                       | 150        | 25"       | 25 5/8             | 100'                 | STOCK                    |
| 6          | 7.73       | 9.20           | 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         | 13.74      | 18.65          | 5/16"                       | 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.

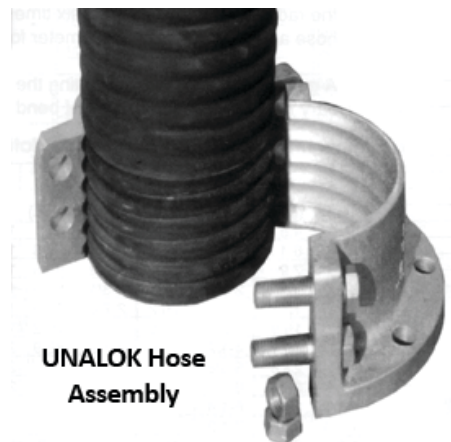
Other options include duck and rubber flanges, built-in nipples, rubber-lined nipples and beaded ends.

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 Hose Series 335

Specially compounded tube is formulated to extend service life in sandblasting service. Flexible and kink resistant to reduce operator fatigue. The tube and cover are both static dissipating and the cover is resistant to abrasion and weather.

Abrasion Resistance Value  $\leq 70\text{mm}^3$  (DIN ISO 4649).

### Construction:

Tube: Black natural rubber blend - Static dissipating

Reinforcement: Multiple textile plies

Cover: Black SBR

Standard Length: 50 feet and 100 feet

Temperature Rating: -25°F to +180°F (-32°C to +82°C)



| I.D. (in.) | O.D. (in.) | Plies | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|-------|----------------|------------|--------------------------|
| 0.5        | 1.06       | 2     | 0.33           | 150        | STOCK                    |
| 0.75       | 1.50       | 4     | 0.64           | 150        | STOCK                    |
| 1          | 1.88       | 4     | 0.94           | 150        | STOCK                    |
| 1.25       | 2.15       | 4     | 1.14           | 150        | STOCK                    |
| 1.5        | 2.38       | 4     | 1.30           | 150        | STOCK                    |
| 2          | 2.88       | 4     | 1.64           | 150        | STOCK                    |

## Concrete and Plaster Hose Series 846

Designed for use in the pumping of plaster, grout, and shotcrete. Specially compounded tube is highly resistant to abrasive materials. The heavy wall resists kinking and the tube/cover is static dissipating. For use as a flexible connection between pumping equipment and hard piping.

### Construction:

Tube: Natural rubber blend

Reinforcement: Multiple textile plies

Cover: Black SBR

Standard Length: 50 feet

Temperature Rating: -25°F to +180°F (-32°C to +82°C)



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 1.25       | 1.90       | 0.80           | 800        | 50'                      |
| 1.50       | 2.20       | 1.14           | 800        | 50'                      |
| 2.0        | 2.76       | 1.46           | 800        | 50'                      |
| 2.5        | 3.31       | 1.96           | 800        | 50'                      |
| 3.0        | 4.02       | 2.39           | 800        | 50'                      |

# Dry Cement Handling Hose Series 831

Recommended for use on bulk transport trucks in discharge service. Abrasion resistant tube handles dry cement, lime, silica, and other abrasive materials. Static dissipating tube and cover.

## Construction:

Tube: Black natural rubber blend

Reinforcement: Multiple textile plies

Cover: Black SBR

Standard Length: 100 feet

Temperature Rating: -25°F to +180°F (-32°C to +82°C)



| I.D. (in.) | O.D. (in.) | Tube Thickness (in.) | Wt./Ft. (lbs.) | W.P. (psi) |
|------------|------------|----------------------|----------------|------------|
| 4          | 4.46       | 1/8                  | 1.37           | 75         |
| 4          | 4.58       | 3/16                 | 1.82           | 75         |
| 4          | 4.70       | 1/4                  | 2.28           | 75         |





## Hot Tar and Asphalt Hose Series 242

Designed for the transfer of high temperature petroleum-based materials such as tar, asphalt, and hot oils. It is suitable for suction and discharge service on tank trucks, tank cars, or at bulk stations.

### Construction:

Tube: Black Nitrile (ARPM Class A ORS)

Reinforcement: Multiple textile plies with helix wire

Cover: Black Neoprene (ARPM Class A ORS)

Standard Length: 100 feet

Temperature Rating: -25°F to 350°F



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 2          | 2.72       | 1.77           | 150        | 100'                     |
| 3          | 3.78       | 2.82           | 150        | 100'                     |
| 4          | 4.80       | 3.82           | 150        | 100'                     |

## 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. All-weather cover protects against ozone and abrasion.

### Construction:

Tube: SBR

Reinforcement: Polyester cord

Cover: SBR

Length: Up to 60 feet

Temperature Rating: -20 to 180°F



| 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        |

## Furnace Door Coolant Hose Series 537

Designed for use in steel mills around blast furnaces as a water coolant hose. A special temperature resistant Nomex cover offers maximum protection against sparks and molten splatter.

\*Made to specifications.

MADE IN THE USA

### Construction:

Tube: NR/SBR (Non-Conductive)

Reinforcement: Multiple textile plies

Cover: 1-ply Nomex/Fiberglass

Standard 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        | PRICED ON REQUEST        |
| 0.75       | 1.25       | 0.44           | 200        | PRICED ON REQUEST        |
| 1          | 1.66       | 0.58           | 200        | PRICED ON REQUEST        |
| 1.25       | 1.91       | 0.76           | 200        | PRICED ON REQUEST        |
| 1.5        | 2.16       | 0.82           | 200        | PRICED ON REQUEST        |
| 2          | 2.66       | 1.09           | 200        | PRICED ON REQUEST        |
| 2.5        | 3.14       | 1.25           | 200        | PRICED ON REQUEST        |
| 3          | 3.61       | 1.29           | 200        | PRICED ON REQUEST        |
| 4          | 4.64       | 2.92           | 200        | PRICED ON REQUEST        |

## Furnace Door Coolant Hose Series 538

Designed to convey cooling water to furnace doors in steel mills, glass plants, foundries, or where the hose is subjected to high temperatures, open flame, and splashes of white-hot molten metals or glass.

Hose has a through-the-wall electrical resistance of  $1 \times 10^{10} \Omega$ .

### Construction:

Tube: White EPDM (Non-Conductive)

Reinforcement: Multiple textile plies

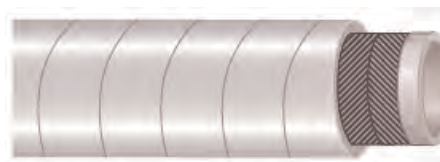
Cover: Heat resistant EPDM, with non-conductive resin-coated dust-free fiberglass cover

Length: 100 feet

Temperature Rating:

Tube: -40°F to 300°F

Cover: -40°F to 1000°F



| I.D. (in.) | O.D. (in.) | Wt./Ft. (lbs.) | W.P. (psi) | Stock Item or Min. Order |
|------------|------------|----------------|------------|--------------------------|
| 0.5        | 0.91       | 0.36           | 300        | 100'                     |
| 0.75       | 1.15       | 0.48           | 300        | 100'                     |
| 1          | 1.46       | 0.63           | 200        | 100'                     |
| 1.25       | 1.81       | 0.79           | 150        | 100'                     |
| 1.5        | 2.17       | 0.91           | 150        | 100'                     |
| 2          | 2.68       | 1.16           | 150        | 100'                     |
| 2.5        | 3.35       | 1.49           | 150        | 100'                     |
| 3          | 3.70       | 1.82           | 150        | 100'                     |
| 4          | 4.75       | 2.27           | 150        | 100'                     |



# MARINE WATER HOSE

## Bilge Pump Hose Series M120

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.

**Temperature:** -40° to 200°F

**Description:** Black or White Polyethylene

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



| I.D. (inch) | I.D. (mm) | O.D. (inch) | O.D. (mm) |
|-------------|-----------|-------------|-----------|
| 5/8         | 16        | 0.819       | 20.81     |
| 3/4         | 19        | 0.969       | 24.63     |
| 1-1/8       | 29        | 1.387       | 35.23     |
| 1-1/4       | 30        | 1.473       | 37.42     |
| 1-1/2       | 40        | 1.907       | 48.44     |

## Lightweight Vinyl with Black Helix Series M141

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.

**Temperature:** -10° to 130°F

**Description:** Clear PVC with Black Helix

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



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

# Flex Sanitation Hose Smooth H/D Series M148

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.



**Temperature:** -10° to 130°F

**Description:** White FDA Formulated PVC

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

| I.D. (inch) | I.D. (mm) | O.D. (inch) | O.D. (mm) | WP (psi) | Vacuum Rating (in/HG) | Weight (lbs/ft) |
|-------------|-----------|-------------|-----------|----------|-----------------------|-----------------|
| 5/8         | 15.875    | 0.86        | 21.844    | 130      | 28                    | 0.158           |
| 3/4         | 19.050    | 1.01        | 25.654    | 130      | 28                    | 0.203           |
| 1           | 25.400    | 1.11        | 28.194    | 90       | 28                    | 0.267           |
| 1-1/8       | 28.575    | 1.27        | 32.258    | 80       | 28                    | 0.294           |
| 1-1/4       | 31.750    | 1.53        | 38.862    | 80       | 28                    | 0.338           |
| 1-1/2       | 38.100    | 1.82        | 46.228    | 80       | 28                    | 0.465           |
| 2           | 50.800    | 2.36        | 59.944    | 70       | 28                    | 0.652           |

## Live Well Hose Series M149

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.



**Temperature:** -10° to 130°F

**Description:** Smooth, Clear PVC with Black Helix

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

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

# MARINE CONDUIT HOSE

## Electrical Conduit Series M125

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.

Temperature Rating: -40° to 200°F  
 Description: Black or White Split Tubing  
 Packaging: Bulk Coils, 50' 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 M127

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.

Temperature Rating: -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     |



# MARINE FUEL HOSE

## “Flex-Acol” Fuel Hose - USCG/SAE J1527

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.

### A1 Fuel Hose Series M350

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.

#### Construction:

Tube: Black Nitrile Synthetic Rubber ARPM Class A

Cover: Black Synthetic Rubber

Reinforcement: Spiral Synthetic Yarn

Temperature Rating: 0° to 115°F

Standard Length: 100 Ft



| 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            |

### A2 Fuel Hose Series M360

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.

#### Construction:

Tube: Black Nitrile (ARPM Class A ORS)

Cover: Black Synthetic Rubber

Reinforcement: Multiple textile plies with dual helix wire

Temperature Rating: -20° to 180°F

Standard Length: 100 Ft



| ITEM #   | I.D. (inch) | I.D. (mm) | O.D. (inch) | O.D. (mm) | WP (psi) | Bend Radius (in) | Weight (lbs/ft) |
|----------|-------------|-----------|-------------|-----------|----------|------------------|-----------------|
| 360-1000 | 1           | 31.80     | 1.38        | 35.05     | 100      | 2.5              | 0.43            |
| 360-1140 | 1-1/4       | 38.10     | 1.65        | 43.20     | 100      | 3.0              | 0.59            |
| 360-1120 | 1-1/2       | 47.60     | 1.86        | 47.10     | 100      | 4.0              | 0.78            |
| 360-1780 | 1-7/8       | 50.80     | 2.30        | 58.40     | 100      | 4.5              | 0.95            |
| 360-2000 | 2           | 50.80     | 2.43        | 61.70     | 50       | 5.0              | 1.13            |
| 360-2340 | 2-3/4       | 69.90     | 69.90       | 71.10     | 50       | 5.5              | 1.19            |

# CERTIFIED WET MARINE EXHAUST HOSE

## Certified Marine Softwall Wet Exhaust Hose Series M110/200

Certified wet exhaust, heavy-wall reinforcement with multiple 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.

### Construction:

Tube: Black EPDM Blend

Cover: Black EPDM Blend

Reinforcement: Multiple textile plies

Temperature Rating: -20° to 200°F



| 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       |



# Certified Marine Hardwall Wet Exhaust Hose

## Series M100/250

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.

### Construction:

Tube: Black EPDM blend

Cover: Black EPDM blend

Reinforcement: Multiple textile plies with dual wire helix

Temperature Rating: -20° to 200°F



| 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       |
| 250-3120 | 3-1/2       | 89.0      | 3.98        | 101.0     | 63       |
| 250-4000 | 4           | 102.0     | 4.65        | 118.0     | 58       |
| 250-4120 | 4-1/2       | 114.0     | 5.12        | 130.0     | 77       |
| 250-5000 | 5           | 127.0     | 5.63        | 143.0     | 77       |
| 250-6000 | 6           | 152.0     | 6.65        | 169.0     | 63       |
| 250-8000 | 8           | 203.0     | 8.74        | 222.0     | 58       |
| 250-8584 | 8-5/8       | 219.0     | 9.37        | 238.0     | 48       |

# Certified Marine Hardwall Corrugated Wet Exhaust Hose Series M252

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.

**Construction:**  
 Tube: Black EPDM Blend  
 Cover: Black EPDM Blend (Corrugated)  
 Reinforcement: Multiple textile plies with dual helix wire  
 Temperature: -20° to 200°F



| 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                    |
| 252-2120 | 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                    |
| 252-5000 | 5           | 127.0     | 5.55        | 141.0     | 73       | 29                    |
| 252-8000 | 8           | 203.0     | 8.70        | 221.0     | 63       | 27                    |



# 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 inter-cooler 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.

Description: Smooth Blue Exterior  
Reinforcement: 4-Ply, Polyester  
Temperature: -65° to 350°F  
Length: 3 or 12 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

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 150lb. 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). Standard-based submarine hose construction.

| I.D. (inch) | O.D. (mm) | Weight (lbs/30ft) | End Weights (lbs) |
|-------------|-----------|-------------------|-------------------|
| 4           | 6.93      | 315               | 76                |
| 6           | 8.78      | 566               | 138               |
| 8           | 11.09     | 851               | 194               |
| 10          | 13.71     | 1252              | 274               |
| 12          | 15.88     | 1580              | 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     | 1686.00         | 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 (in.) | Minimum O.D. (in.) | Maximum O.D. (in.) |
|------------------|--------------------|--------------------|
| 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             |

# HYDRAULIC HOSE & ASSEMBLIES

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

High-pressure, certified hydraulic hose for use with petroleum, synthe 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.


**Construction:**

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.<br>(inch) | O.D.<br>(inch) | Maximum Working Pressure |     | Minimum Burst Pressure |      | Minimum Bend Radius |     | Weight<br>(lbs/ft) |
|--------|----------------|----------------|--------------------------|-----|------------------------|------|---------------------|-----|--------------------|
|        |                |                | PSI                      | BAR | PSI                    | BAR  | Inch                | mm  |                    |
| 4-2SN  | ¼"             | 0.58"          | 5800                     | 400 | 23200                  | 1600 | 3.9                 | 100 | 0.242              |
| 6-2SN  | ⅜"             | 0.74"          | 4800                     | 330 | 19200                  | 1320 | 4.9                 | 125 | 0.363              |
| 8-2SN  | ½"             | 0.86"          | 4000                     | 275 | 16000                  | 1100 | 7.1                 | 180 | 0.457              |
| 10-2SN | ⅝"             | 0.98"          | 3625                     | 250 | 14500                  | 1000 | 7.9                 | 200 | 0.538              |
| 12-2SN | ¾"             | 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 ¼"           | 1.87"          | 1810                     | 125 | 7240                   | 500  | 16.5                | 420 | 1.445              |
| 24-2SN | 1 ½"           | 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              |

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

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

**Construction:**

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

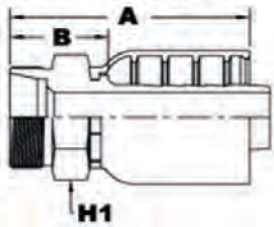
| ITEM # | I.D.<br>(inch) | O.D.<br>(inch) | Maximum Working Pressure |     | Minimum Burst Pressure |      | Minimum Bend Radius |     | Weight<br>(lbs/ft) |
|--------|----------------|----------------|--------------------------|-----|------------------------|------|---------------------|-----|--------------------|
|        |                |                | PSI                      | BAR | PSI                    | BAR  | Inch                | mm  |                    |
| 4-2SC  | ¼"             | 0.55"          | 5800                     | 400 | 23200                  | 1600 | 2.0                 | 50  | 0.210              |
| 6-2SC  | ⅜"             | 0.70"          | 5000                     | 345 | 20000                  | 1379 | 2.6                 | 65  | 0.310              |
| 8-2SC  | ½"             | 0.83"          | 5000                     | 345 | 20000                  | 1379 | 3.5                 | 90  | 0.410              |
| 10-2SC | ⅝"             | 0.96"          | 4000                     | 276 | 16000                  | 1103 | 3.9                 | 100 | 0.490              |
| 12-2SC | ¾"             | 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              |



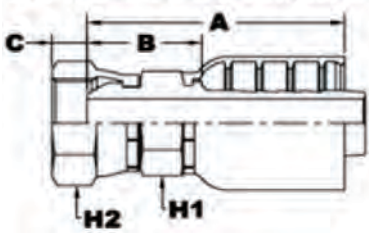
# HYDRAULIC HOSE FITTINGS



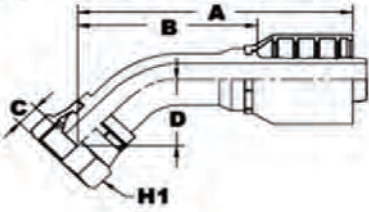
**K2MBPP**  
BSPP Male (60 Deg Seat)



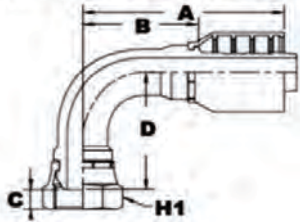
**K2FBPPX**  
BSPP Female Swivel (60 Deg Cone Seat)



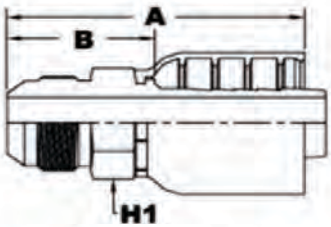
**K2FBPPX45**  
BSPP Female Swivel 45 Deg Elbow



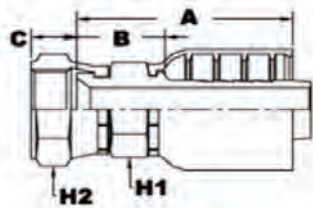
**K2FBPPX90**  
BSPP Female Swivel 60 Deg Cone Seat



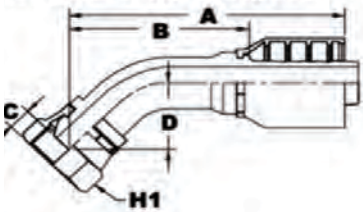
**K2MJ**  
Male JIC 37 Deg Flare



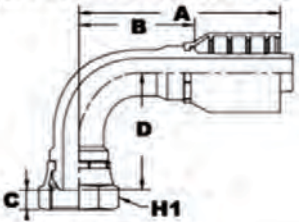
**K2FJX**  
Female JIC 37 Deg Flare



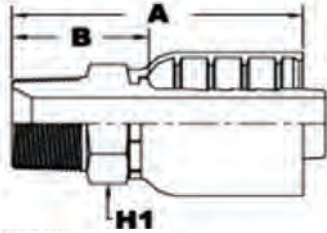
**FBPPX45**  
PP Female Swivel 45 Deg Elbow



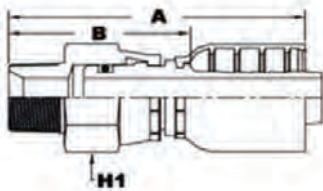
**K2FBPPX90**  
BSPP Female Swivel 60 Deg Cone Seat



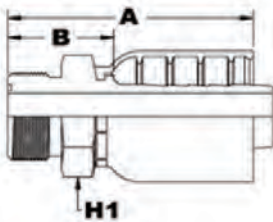
**K2MP**  
Male NPTF



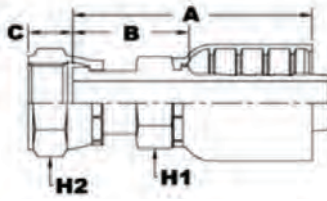
**K2MPX**  
Male NPTF Swivel



**K2MFOR**  
Male ORS



**K2FFORX**  
Female ORS Swivel





## Cam & Groove Couplings

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 |
| 6"     | A60ACB | A60AAL | A60ASS |



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 |
| 6"     | A60ECB | A60EAL | A60ESS |



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 |
| 6"     | A60BCB | A60BAL | A60BSS |



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 |
| 6"     | A60FCB | A60FAL | A60FSS |



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 |
| 6"     | A60CCB | A60CAL | A60CSS |



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 |
| 6"     | A60DPCB | A60DPAL | A60DPSS |



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 |
| 6"     | A60DCB | A60DAL | A60DSS |







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 |
| 6"     | A60DCCB | A60DCAL | A60DCSS |

# Cam & Groove Coupling Accessories

## Replacement Handle Parts

| Part Description   | Size (in.)   | Brass Part No.   | 316 Stainless Steel Part No.  |
|--|--|--|---|
| <br>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   |
| <br>Chain with "S"                      | 6" long, 12" long with "s" hooks   | 60CHBR<br>120CHBR  | 60CHSS<br>120CHSS   |
| All arms assemblies include one handle, one ring and one pin. Stainless Steel handles are investment cast.               |  |  |   |
|  | <br>Stainless Steel Pin | <br>Finger Ring | <br>Locking Clip |
| Size   | Part No.   | Part No.   | Part No.  |
| 3/4"   | SSPN7  | SSWR7  | SSLC7   |
| 1"   | SSPN10   | SSWR10   | SSLC10  |
| 1-1/4"   | SSPN12   | SSWR12   | SSLC12  |
| 1-1/2"   | SSPN15   | SSWR15   | SSLC15  |
| 2"   | SSPN20   | SSWR20   | SSLC20  |
| 2-1/2"   | SSPN25   | SSWR25   | SSLC25  |
| 3"   | SSPN30   | SSWR30   | SSLC30  |
| 4"   | SSPN40   | SSWR40   | SSLC40  |
| 5"   | SSPN50   | SSWR50   | SSLC50  |
| 6"   | SSPN60   | SSWR60   | SSLC60  |


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 |
| 1-1/4" | 250                         | 250 | 200 |
| 1-1/2" | 250                         | 250 | 200 |
| 2"     | 250                         | 250 | 200 |
| 2-1/2" | 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

|  | 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   |



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 |
| 2"     | UA20HEP |



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 (in) | Part Number | Description                         | I.D. (in) | O.D. Range (in) |
|-----------|-------------|-------------------------------------|-----------|-----------------|
| 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     | 2.016-20.63     |
| 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 | 2.250     | 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         | CSS1254     | 4" Stainless Steel Crimp Sleeve     | 4.886     | 4.766-4.813     |



# Custom Hand-Built Hoses



| 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<br>250 psi             | 534       | Leaf Collector/Dry Powder Hose                 |
| 226  | Oil Discharge Hose 150 psi                      | 600       | Well Point Sleeve Hose                         |
| 231  | Oil Suction & Discharge Hose<br>150 psi         | 625       | Clam Jetting Hose<br>150 psi                   |
| 240  | Suction and Discharge Hose<br>250 psi           | 732       | Potable Water<br>Suction & Discharge Hose      |
| 244  | LPG Hose  | 810       | Sand & Cement<br>Discharge Hose                |
| 248  | Molten Sulfur Hose                              | 828       | Sand/Cement/Slurry<br>Suction & Discharge Hose |
| 265  | Sewage/Sludge/Corrosive &<br>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<br>Vacuum Hose              | 902       | Dredge<br>Suction & Discharge Hose             |
| 464  | Acid Suction Hose                               | 926       | Fish Discharge Hose                            |
| 510  | Vacuum Loader Truck<br>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.

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**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.

**Return of Goods:** 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.

**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.

**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.

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