



- Rotary Hose
- Kelly Hose
- Hydraulic Hose
- BOP Hose

- Mud Pump Hose
- Frac Hose
- Oil Suction Hose
- Discharge Hose



Contact Powertrack International

800-365-1577

www.powertrackhose.com

sales@powertrackhose.com

Warranty:

Powertrack International Inc. warrants its products to be free from defects in materials and workmanship when properly installed and maintained. Products covered include those items contained in this catalog.

If during the warranty period, a product is discovered to be defective, Powertrack will, at its option, replace the warranted product or grant the purchaser a credit for the product claimed to be defective. Powertrack will have the sole discretion to determine whether the product was defective.

This warranty is null and void if the product has been used in the wrong application or has been damaged from an accident or willfully destroyed.

NO WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE BY POWERTRACK INTERNATIONAL INC. THE FOREGOING STATES POWERTRACK INTERNATIONAL INC.'S ENTIRE AND EXCLUSIVE LIABILITY AND BUYER'S EXCLUSIVE REMEDY FOR ANY CLAIM OR DAMAGES IN CONNECTION WITH THE SALE OF THE PRODUCTS HEREUNDER. IN NO EVENT SHALL POWERTRACK INTERNATIONAL INC. BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES WHATSOEVER.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT BE APPLIED TO YOU.

Claim Information:

To make a claim under this warranty:

- 1) Please contact your closest Powertrack International Inc. representative with the invoice number and product information.
- 2) Your Powertrack International sales representative will then issue you a returned goods authorization number and further instructions as to where to return the product in question for testing and evaluation (product cannot be accepted for processing without a return goods authorization number).
- 3) Following completion of testing and evaluation, Powertrack International Inc. will contact you with the results.

WARNING!

IMPORTANT SAFETY INFORMATION

Hose Installation

Correct and proper installation of all Powertrack International, Inc. hose products and components is vital to the operation and use of the products. Improper installation can result in serious bodily harm and/or property damage caused by flying projectiles or spraying fluids. To avoid bodily injury and property damage, it is necessary to carefully read the information in this catalog regarding hose installation. Some important factors are:

- | | |
|-----------------------------------|---|
| -changes in length | -elbows and adapters to relieve strain |
| -protection from high temperature | -rubbing or abrasion |
| -twisting | -improper hose movement |
| -proper bend radius | -using incorrect combinations of hoses and fittings |

These factors and the other information in this catalog regarding hose installation should be carefully reviewed BEFORE installing the hose.

Hose Maintenance

Proper maintenance of the hose is essential to the safety of the hose and its components. Hoses should be stored in a dry place. They should be inspected visually before use. **Any hose that has a cut or gouge in the cover that exposes the reinforcement should be retired from use.** Hoses should also be inspected for kinking or for broken reinforcements. If a kink is found or the reinforcement is broken, the hose is no longer safe for use as the pressure caused by the kink may cause it to burst. Inadequate attention to hose maintenance can result in hose leakage, bursting, or other failure that can cause serious bodily harm or property damage. Further information on proper hose maintenance is described in the SAE Recommended Practices located on the following page.

Report of the Fluid Conductors and Connectors Technical Committee, approved September 1979 and reaffirmed May, 1986. Completely revised by the SAE Fluid Conductors and Connectors Technical Committee SC2-Hydraulic Hose and Hose Fittings November, 1991. Rationale statement available.

1. Scope

Hose (also includes hose assemblies) has a finite life, and there are a number of factors which will reduce its life.

This SAE Recommended Practice is intended as a guide to assist system designers and/or users in the selection, installation, and maintenance of hose. The designers and users must make a systematic review of each application and then select, install, and maintain the hose to fulfill the requirements of the application. The following are general guidelines and are not necessarily a complete list.

Warning: IMPROPER SELECTION, INSTALLATION, OR MAINTENANCE MAY RESULT IN PREMATURE FAILURES, BODILY INJURY, OR PROPERTY DAMAGE.

2. Reference

2.1 Applicable Documents

The following publications form a part of this specification to the extent specified here-in. The latest issue of SAE publications shall apply.

2.1.1 SAE Publications- Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

J516 Hydraulic Hose Fittings
J517- Hydraulic Hose

3. Selection

The following is a list of factors which must be considered before final hose selection can be made.

3.1 Pressure

After determining the system pressure, hose selection must be made so that the recommended maximum operating pressure is equal to or greater than the system pressure. Surge pressures higher than the maximum operating pressure will shorten hose life and must be taken into account by the hydraulic designer.

3.2 Suction

Hoses used for suction applications must be selected to insure the hose will withstand the negative pressures of the system.

3.3 Temperature

Care must be taken to insure that fluid and ambient temperatures, both static and transient, do not exceed the limitations of the hose. Special care must be taken when routing near hot manifolds.

3.4 Fluid Compatibility

Hose selection must assure compatibility of the hose tube, cover, and fittings with the fluid used. Additional caution must be observed in hose selection for gaseous applications.

3.5 Size

Transmission of power by means of pressurized fluid varies with pressure and rate of flow. The size of the components must be adequate to keep pressure losses to a minimum and avoid damage to the hose due to heat generation or excessive turbulence.

3.6 Routing

Attention must be given to optimum routing to minimize inherent problems.

3.7 Environment

Care must be taken to insure that the hose and fittings are either compatible with or protected from the environment to which they are exposed. Environmental conditions such as ultraviolet light, ozone, salt water, chemicals, and air pollutants can cause degradation and premature failure, and, therefore, must be considered.

3.8 Mechanical Loads

External forces can significantly reduce hose life. Mechanical loads which must be considered include excessive flexing, twist, kinking, tensile or side loads, bend radius, and vibration. Use of swivel-type fittings or adapters may be required to insure no twist is put into the hose. Unusual applications may require special testing prior to hose selection.

3.9 Abrasion

While a hose is designed with a reasonable level of abrasion-resistance, care must be taken to protect the hose from excessive abrasion which can result in erosion, snagging, and cutting of the hose cover. Exposure of the reinforcement will significantly accelerate hose failure.

3.10 Proper End Fitting

Care must be taken to insure that proper compatibility exists between the hose and coupling selected based on the manufacturer's recommendations substantiated by testing to industry standards such as SAE J517. End fitting components from one manufacturer are usually not compatible with end fitting components supplied by another manufacturer (i.e., using a hose fitting nipple from one manufacturer with a hose socket from another manufacturer). It is the responsibility of the fabricator to consult the manufacturer's written instructions or the manufacturer directly for proper end fitting componentry.

3.11 Length

When establishing proper hose length, motion absorption, hose length changes due to pressure, as well as hose and machine tolerances must be considered.

3.12 Specifications and Standards

When selecting hose, government, industry and manufacturers' specifications and recommendations must be reviewed as applicable.

3.13 Hose Cleanliness

Hose components vary in cleanliness levels. Care must be taken to insure that the assemblies selected have an adequate level of cleanliness for the application.

3.14 Electrical Conductivity

Certain applications require that hose be non-conductive to prevent electrical current flow. Other applications require the hose to be sufficiently conductive to drain off static electricity. Hose and fittings must be chosen with these needs in mind.

4. Installation

After selection of proper hose, the following factors must be considered by the installer.

4.1 Pre-Installation Inspection

Prior to installation, a careful examination of the hose must be performed. All components must be checked for correct style, size, and length. In addition, the hose must be examined for cleanliness, I.D. obstructions, blisters, loose cover, or any other visible defects.

4.2 Follow Manufacturers' Assembly Instructions

Hose assemblies may be fabricated by the manufacturer, an agent for or customer of the manufacturer, or by the user. Fabrication of permanently attached fittings to hydraulic hose requires specialized assembly equipment. Field attachable fittings (screw style and segment clamp style) can usually be assembled without specialized equipment, although many manufacturers provide equipment to assist in this operation.

SAE J517 hose from one manufacturer is usually not compatible with SAE J516 fittings supplied by another manufacturer. It is the responsibility of the fabricator to consult the manufacturer's written assembly instructions or the manufacturer's directly before intermixing hose and fittings from two manufacturers. Similarly, assembly equipment from one manufacturer is usually not interchangeable with that of another manufacturer. It is the responsibility of the fabricator to consult the manufacturer's written instructions or the manufacturer's directly for proper assembly equipment. Always follow the manufacturer's instructions for proper preparation and fabrication of hose assemblies.

4.3 Minimum Bend Radius

Installation at less than minimum bend radius may significantly reduce hose life. Particular attention must be given to preclude sharp bending at the hose/fitting juncture.

4.4 Twist Angle and Orientation

Hose installations must be such that relative motion of machine components produces bending of the hose rather than twisting.

4.5 Securement

In many applications, it may be necessary to restrain, protect, or guide the hose to protect it from damage by unnecessary flexing, pressure surges, and contact with other mechanical components. Care must be taken to insure such restraints do not introduce additional stress or wear joints.

4.6 Proper Connection of Ports

Proper physical installation of the hose requires a correctly installed port connection while insuring that no twist or torque is put into the hose.

4.7 Avoid External Damage

Proper installation is not complete without insuring that tensile loads, side loads, kinking, flattening, potential abrasion, thread damage, or damage to sealing surfaces are corrected or eliminated.

4.8 System Check-Out

After completing the installation, all air entrapment must be eliminated and the system pressurized to the maximum system pressure and checked for proper function and freedom from leaks.

NOTE: Avoid potential hazardous areas while testing.

5. Maintenance

Even with proper selection and installation, hose life may be significantly reduced without a continuing maintenance program. Frequency should be determined by the severity of the application and risk potential. A maintenance program should include the following as a minimum.

5.1 Hose Storage

Hose products in storage can be affected adversely by temperature, humidity, ozone, sunlight, oils, solvents, corrosive liquids and fumes, insects, rodents, and radioactive materials. Storage areas should be relatively cool and dark and free of dust, dirt, dampness, and mildew.

5.2 Visual Inspection

Any of the following conditions requires replacement of the hose:

- Leaks at fitting or in hose (leaking fluid is a fire hazard)
- Damaged, cut, or abraded cover (any reinforcement exposed)
- Kinked, crushed, flattened, or twisted hose
- Hard, stiff, heat cracked, or charred hose
- Blistered, soft degraded, or loose cover
- Cracked, damaged, or badly corroded fittings
- Fitting slippage on hose

5.3 Visual Inspection

The following items must be tightened, repaired, or replaced as required:

- Leaking port conditions
- Clamps, guards, shields
- Remove excessive dirt buildup
- System fluid level, fluid type, and any air entrapment

5.4 Functional Test

Operate the system at maximum operating pressure and check for possible malfunctions and freedom from leaks.

NOTE: Avoid potential hazardous areas while testing

5.5 Replacement Intervals

Specific replacement intervals must be considered based on previous service life, government or industry recommendations, or when failures could result in unacceptable down time, damage, or injury risk.

Table of Contents

Armored BOP Control Line Hose.	1
Red BOP Firesafe Hose	1
Grade C Rotary Drilling Hose.	2
Grade D Rotary and Vibrator Hose	2
Slim Hole Rotary Drilling Hose.	3
Mud Pump Suction Hose.	3
Kelly Hose.	4
Hammer Unions.	5
R15- Six Spiral Hydraulic Hose	6
R13- Six Spiral Hydraulic Hose	6
4SH- Four Spiral Hydraulic Hose.	6
SAE 100R12 High Pressure Hydraulic Hose.	7
SAE 100R5 Hydraulic Hose.	7
2SN- Two Wire Hydraulic Hose.	8
1SN- One Wire Hydraulic Hose.	8
Custom Hydraulic Hose Assemblies.	9
Oilfield Vacuum Hose.	10
Corrugated Suction and Discharge Hose.	10
Petroleum Suction Hose	
150psi.	10
250psi.	10
Black Rubber Suction Hose	11
UHMWPE Chemical Hose.	11
Hot Air Blower Hose.	11
GOODYEAR ® Tan Flextra Hose.	12
Jetting Hose	12
Frac Tank Hose	13
Frac Tank Hose Assemblies	13
Yellow Wire Braid Air Hose.	14
Steam Hose	14
Hose Grips	
Dual Lift Eye Grip	14
Cord Cap Grip.	14
Cam and Groove	
Cam and Groove Type A, Type B, Type C, Type D, and Type E.	15
Cam and Groove Type F, Type DC, Type DP, and Gaskets	16
Steel Hose Mender.	16
Round Hole Strainer.	16
Reducing Cam and Groove Couplings	
Reducing Cam and Groove Type A, Type B, and Type C.	17
Reducing Cam and Groove Type D, Type E, and Type F	17
Coupler x Adapter.	17
Standard Frac Tank Blinds and Unions	
Threaded Blind & 3 Piece Coupling, Female Threaded & Weld-On, and Standard Hose Fittings.	18
Male Threaded, Weld-on & O-Ring Threaded Tank, O-Ring, and Hammer Nut Fittings.	18
Shank Hose Couplings	
Combination Hose Nipple	18

Armored BOP Control Line Hose

Powertrack International's **Armored BOP Control Line Hose** is designed to handle the rigors of oilfield operations. The armor is constructed of heavy-duty .018" stainless steel. A carbon steel nipple that includes a large hex with longer threads allows for easy hammer union installation. The safety factor is 4:1.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Test Pressure (psi)	Weight lbs. / ft.
PT-BOP-16	1"	2.06"	5,000	20,000	2.8
PT-BOP-32	2"	3.50"	5,000	20,000	8.3



Construction:

Armor: .018 heavy-duty stainless steel.

Thermal Blanket: 1500°F continuous rating, non-flammable, and non-conductive.

Armor Ferrule: 316 stainless steel. (Carbon steel also available.)

End Connection: 303 stainless steel with extra long hex. (Carbon steel also available.)

Red BOP Firesafe Hose

The flame-resistant **Red BOP Firesafe Hose** is designed to control BOP's (Blow Out Preventers) and associated valves that control well pressure during drilling operations.

Construction:

Tube: Black, oil-resistant nitrile (NBR).

Reinforcement: Multiple plies of high tensile steel wire.

Cover: Red, specially compounded, fiberglass impregnated, flame-resistant rubber.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Weight lbs. / ft.
PT-RDBOP-2SN-06	3/8"	0.91"	3,000	6	0.4
PT-RDBOP-2SN-08	1/2"	1.02"	3,000	8	0.6
PT-RDBOP-2SN-12	3/4"	1.32"	3,000	10	1.2
PT-RDBOP-2SN-16	1"	1.61"	3,000	12	1.6

Grade C Rotary Drilling Hose

Powertrack International's **Grade C Rotary Vibrator, Drilling, and De-coker Hose** is designed as the flexible connection between the standpipe and swivel for pumping mud at a very high pressure in oil drilling and exploration. The Grade C Rotary Drilling Hose is also suitable for refinery de-coker service. This hose features high strength spiral steel wire reinforcement which provides a very flexible connection capable of withstanding high pumping pressures at API Grade C working pressures. The neoprene (CR) cover and tube provide excellent resistance to heat, oil, mud, weather, and abrasion.



Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Plies of Rein.	Working Pressure (psi)	Test Pressure (psi)	Bend Radius (in.)	Weight lbs. / ft.
PT-RotaryC-40	2-1/2"	3.88"	6	4,000	8,000	48.0	9.0
PT-RotaryC-48	3"	5.00"	8	4,000	8,000	48.0	13.1
PT-RotaryC-56	3-1/2"	5.56"	8	4,000	8,000	54.5	17.4

Construction:

Reinforcement: Multiple layers of spiralled high tensile carbon steel wire.

Cover: Black, neoprene (CR), Grade C.

Heat, oil, abrasion, and weather-resistant.

Tube: Black, oil and abrasion-resistant neoprene (CR).

Couplings: Special swaged-on type.

3" male API line pipe thread on 2-1/2" size.

4" male API line pipe thread on 3" and 3-1/2" sizes.

Operating Temperatures: -40°F to 200°F.

Grade D Rotary & Vibrator Hose

Powertrack International's **Grade D Rotary & Vibrator Hose** is designed for use in high pressure rotary service applications in drilling and exploration work at API Grade D working pressures. Our Vibrator Hose is designed as a high pressure vibration dampener between the mud pump and the stand pipe.



Construction:

Reinforcement: Multiple plies of bias laid nylon cord for extra strength and flexibility. Two spiral wound, high tensile, multiple strand cables mechanically secured to built-in nipples provide unsurpassed ruggedness and reliability under severe service conditions.

Cover: Black, oil, weather, and abrasion-resistant neoprene (CR).

Tube: Black, oil and abrasion-resistant neoprene (CR). Suitable for oil or water based muds.

End Fittings: Full-flow swaged on API couplings are integrally secured to the hose reinforcement. Most hose assemblies are supplied with male API threaded ends but we also offer them with flanges, unions, swivels, and other types of couplings upon request.

Operating Temperatures: -40°F to 200°F.

Available with S.S. armor and fire protection.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Test Pressure (psi)	Bend Radius (in.)	Weight lbs. / ft.	
						Hose	Coup.
PT-RotaryD-40	2-1/2"	4.4"	5,000	10,000	2.3	10.0	29.0
PT-RotaryD-48	3"	4.9"	5,000	10,000	2.6	12.1	38.0
PT-RotaryD-56	3-1/2"	5.5"	5,000	10,000	2.9	13.4	44.0
PT-RotaryD-64	4"	6.5"	5,000	10,000	3.9	22.0	68.0

Slim Hole Rotary Drilling Hose

Powertrack International's **Slim Hole Rotary Drilling Hose** is specifically designed for rotary drilling on portable drilling rigs, workover rigs, slim hole, and seismograph rigs. This strong and flexible hose is reinforced with multiple layers of high tensile steel wire. The neoprene (CR) cover and tube are heat, oil, abrasion, and weather-resistant.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Plies of Rein.	Working Pressure (psi)	Bend Radius (in.)	Weight lbs. / ft.
PT-RotarySH-32	2"	3.06"	3	2,500	18	3.9
PT-RotarySH-40	2-1/2"	3.65"	4	2,500	24	5.3
PT-RotarySH-48	3"	4.13"	4	2,000	30	5.8

Construction:

Reinforcement: Three or four braids of high tensile heavy gauge steel wire. A textile overbraid provides improved cover adhesion.

Cover: Neoprene (CR) black cover.
 Heat, oil, abrasion, and weather-resistant.

Tube: Black neoprene (CR) provides oil and abrasion resistance suitable for oil and water based muds.

Couplings: Swaged-on high pressure carbon steel male NPT or API threaded ends or reusable couplings.

Operating Temperatures: -40°F to 200°F.

Mud Pump Suction Hose

Powertrack International's **Mud Pump Suction Hose** is an ideal flexible connection between the slush pump and mud pit. The helical design provides excellent vacuum capabilities. The cover is oil, abrasion, and ozone-resistant.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Plies of Rein.	Bend Radius (in.)	Weight lbs. / ft.
PT610-Mudpump-64	4"	5.00"	200	4	24	4.7
PT610-Mudpump-96	6"	7.13"	200	4	36	8.5
PT610-Mudpump-128	8"	9.25"	150	4	48	12.8
PT610-Mudpump-160	10"	11.38"	75	4	60	19.5
PT610-Mudpump-192	12"	13.38"	75	4	72	24.8

Construction:

Reinforcement: High tensile synthetic plies with a wire helix.

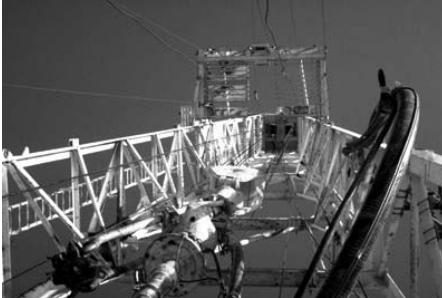
Cover: Oil-resistant, synthetic rubber.

Tube: Black, SBR.

Couplings: Contact Powertrack International for available fittings.

Operating Temperatures: -40°F to 180°F.

Kelly Hose



Powertrack International's **Kelly Hose** is constructed with a special abrasion and U.V.-resistant cover, making it a preferred oilfield hose. The Kelly Hose is designed to meet or exceed the API requirement of a 2.5 to 1 safety factor. It is coupled with our special Male API, long thread fittings or our new 2" Figure 602 Union fittings.

Kelly Hose Specifications:

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Weight lbs. / ft.	Plies of Rein.
2" 5000psi Kelly	2"	2.68"	5,000	14,500	27.5	3.0	4
R13-32	2"	2.83"	5,070	21,750	24.8	4.6	6

NO HASSLE 2" Figure 602 Union Fitting



Large HEX Male API Fitting



*Eliminates 2 leak points! Eliminates pipe dope and welding!
 Also available in Fig. 1502 version for 6 wire hose.*

Hammer Unions

Figure Number	Pressure Rating (PSI)				Nominal Pipe Size											
	Standard Service		Sour Gas Service		1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
	Cold Working	Test	Cold Working	Test												
100	1,000	1,500	-	-				X	X	X	X	X	X	X		
200	2,000	3,000	-	-	X	X	X	X	X	X	X		X	X	X	
206	2,000	3,000	-	-	X	X	X	X	X	X	X		X	X	X	
207	2,000	3,000	-	-						X	X					
300	2,000	3,000	-	-				X								
400	2,500	3,750	2,500	3,750								X	X	X	X	X
400	4,000	6,000	4,000	6,000				X		X	X					
600	6,000	9,000	-	-				X		X	X					
602	6,000	9,000	6,000	9,000	X	X	X	X	X	X	X					
1002	10,000	15,000	7,500	11,250	X			X		X	X	X	X			
1002	10,000	15,000	7,500	11,250								X				
1003	10,000	15,000	7,500	11,250						X	X	X				
1502	15,000	22,500	10,000	15,000	X		X	X	X	X	X	X				
2202	-	-	15,000	22,500				X		X						

Figure 100



- ~Cold working pressure- 1,000psi.
- ~Low pressure union. Manifold and general service.

Figure 200



- ~Cold working pressure- 2,000psi.
- ~General purpose union.
- ~Threaded and butt weld ends.

Figure 206



- ~Cold working pressure- 2,000psi.
- ~O-ring in metal sub improves sealing and extends service life.
- ~Cup & cone provide zero clearance against extrusion.
- ~Threaded and butt weld ends.

Figure 207



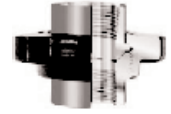
- ~Cold working pressure- 2,000psi.
- ~Manifold and blanking the end of the line- O-ring cap provides leak-free seal- threaded and weld end.
- ~Connection cap can be tapped for pressure gauge or valve.

Figure 300



- ~Cold working pressure- 2,000psi.
- ~Flat face design for straight breakout of connected components such as valves or fittings for repair or inspection.
- ~Moderate vacuum service insulating unions available upon request.

Figure 400



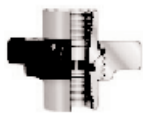
- ~Cold working pressure- 4,000psi for 2" through 4" sizes. 5" through 12" sizes- cold working pressure is 2,500psi.
- ~Primarily used for manifold pumping and mud.

Figure 600



- ~Cold working pressure- 6,000psi.
- ~Used for steam service, well servicing, and boiler connection.
- ~Primary seal is bronze to prevent corrosion and absorb expansion and contraction.

Figure 602



- ~Cold working pressure- 6,000psi.
- ~Lip-type elastomer seal protects metal-to-metal seal and seal design reduces turbulence in the line.
- ~Used primarily in manifold and mud service.
- ~Available with non-pressure thread sealing ends.

Figure 1002



- ~Cold working pressure- 10,000psi for 1" through 4" sizes. 5" and 6" sizes- cold working pressure is 7,500psi.
- ~Field replaceable lip type elastomer seal protects secondary metal-to-metal seal.

Figure 1003



- ~Cold working pressure- 10,000psi for 2" through 3" sizes. 4" and 5" sizes- cold working pressure is 7,500psi.
- ~These misaligning unions are used in high pressure applications where the lines are not aligned.
- ~7" line misalignment accepted.

Figure 1502



- ~Cold working pressure- 15,000psi.
- ~Used primarily in choke/kill lines, cementing, fracturing, and testing.
- ~Available in threaded, welded, butt weld, and non-pressure thread sealing ends.

Figure 2202



- ~Cold working pressure- 15,000psi.
- ~Used in sour gas services.
- ~Meets Nace MR-01-75 standards.
- ~Butt weld only.
- ~Painted green for easy identification.

R15 - Six Spiral Hydraulic Hose

Powertrack International's **R15 - Six Spiral Hydraulic Hose** is ideal for high pressure hydraulic oil lines. The Six Spiral Hydraulic Hose is reinforced with four to six plies of spiral wound high tensile wire separated by layers of rubber insulation. The cover is abrasion and oil-resistant.



Construction:

Reinforcement: Four or six plies of spiral wound high tensile wire separated by layers of rubber insulation.

Cover: Oil and abrasion-resistant synthetic black rubber.

Tube: Oil-resistant synthetic rubber.

Operating Temperatures: -40°F to 250°F constant / 257°F intermittent.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
R15-12*	3/4"	1.26"	6,090	25,370	10.4	1.0
R15-16*	1"	1.50"	6,090	25,370	10.5	1.4
R15-20	1-1/4"	1.95"	6,090	24,360	10.5	2.5
R15-24	1-1/2"	2.28"	6,090	24,360	12.4	3.2

*Four spiral wire

R13 - Six Spiral Hydraulic Hose

Powertrack International's **R13 - Six Spiral Hydraulic Hose** is designed for high pressure hydraulic oil lines. The Six Spiral Hydraulic Hose is reinforced with four to six plies of spiral wound high tensile wire separated by layers of rubber insulation. The cover is abrasion and oil-resistant.



Construction:

Reinforcement: Four or six plies of spiral wound high tensile wire separated by layers of rubber insulation.

Cover: Oil and abrasion-resistant synthetic rubber.

Tube: Oil-resistant synthetic rubber.

Operating Temperatures: -40°F to 250°F constant / 257°F intermittent.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
R13-12*	3/4"	1.26"	5,070	28,270	9.5	1.1
R13-16*	1"	1.54"	5,070	23,920	11.8	1.5
R13-20	1-1/4"	1.93"	5,070	21,750	16.5	2.2
R13-24	1-1/2"	2.28"	5,070	23,200	19.7	3.2
R13-32	2"	2.83"	5,070	21,750	24.8	4.6

*Four spiral wire

4SH - Four Spiral Hydraulic Hose

Powertrack International's **4SH - Four Spiral Hydraulic Hose** is designed for high pressure hydraulic oil lines. The Four Spiral Hydraulic Hose is reinforced with four plies of spiral wound high tensile wire separated by layers of rubber insulation. The cover is abrasion and oil-resistant.



Construction:

Reinforcement: Four plies of spiral wound high tensile wire separated by layers of rubber insulation.

Cover: Oil and abrasion-resistant synthetic black rubber.

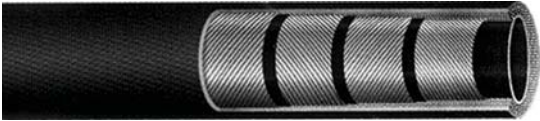
Tube: Oil-resistant synthetic rubber.

Operating Temperatures: -40°F to 250°F constant / 257°F intermittent.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
4SH-12	3/4"	1.26"	6,090	25,370	8.3	1.0
4SH-16	1"	1.50"	5,580	25,370	8.7	1.4
4SH-20	1-1/4"	1.78"	5,070	20,300	16.5	1.6
4SH-24	1-1/2"	2.11"	4,350	18,120	22.1	2.2
4SH-32	2"	2.68"	3,620	14,500	27.6	3.0

SAE 100R12 High Pressure Hydraulic Hose

Powertrack International's **SAE 100R12 Hydraulic Hose** is a high pressure multi-spiral wire reinforced hose designed to withstand heavy-duty industrial conditions, applications with severe abrasion conditions, marine applications, and underground open pit mining. This hose is compatible with mineral oils, vegetable oils, and synthetic ester based oils (up to 212°F), glycols and polyglycols, mineral oils in aqueous emulsion, and water.



Construction:

Reinforcement: Four high tensile steel spirals.

Cover: Static-resistant synthetic rubber with high ozone, weather, and heat resistance. MSHA and FRAS approved.

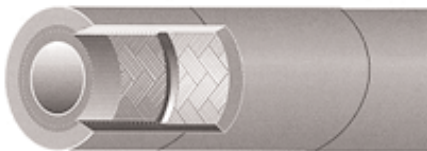
Tube: Oil-resistant synthetic rubber.

Operating Temperatures: -40°F to 250°F constant / 257°F intermittent.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
R12-06	3/8"	0.79"	4,060	23,200	3.9	0.4
R12-08	1/2"	0.93"	4,060	19,570	4.9	0.5
R12-10	5/8"	1.07"	4,060	18,850	5.5	0.7
R12-12	3/4"	1.20"	4,060	18,850	5.9	0.8
R12-16	1"	1.48"	4,060	16,670	8.9	1.1
R12-20	1-1/4"	1.81"	3,040	14,500	9.8	1.5
R12-24	1-1/2"	2.11"	2,530	14,500	19.7	2.1
R12-32	2"	2.63"	2,530	11,600	24.8	3.0

SAE 100R5 Hydraulic Hose

Powertrack International's **SAE 100R5 Hydraulic Hose** is a medium pressure one wire braid reinforced hose that meets or exceeds requirements of SAE 100R5.



Construction:

Reinforcement: One high tensile steel braid over one textile braid.

Cover: One textile braid covered with oil-resistant neoprene (CR). MSHA accepted.

Tube: Black, oil-resistant nitrile (NBR).

Operating Temperatures: -40°F to 200°F.

Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
3/16"	0.52"	3,000	12,000	3.0	0.2
1/4"	0.58"	3,000	12,000	3.4	0.2
5/16"	0.67"	2,250	9,000	4.0	0.2
13/32"	0.77"	2,000	8,000	4.6	0.3
1/2"	0.92"	1,750	7,000	5.5	0.4
5/8"	1.08"	1,500	6,000	6.5	0.5
7/8"	1.23"	800	3,200	7.4	0.5
1-1/8"	1.50"	625	2,500	9.0	0.6
1-3/8"	1.75"	500	2,000	10.5	0.7
1-13/16"	2.22"	350	1,400	13.3	0.9
2-3/8"	2.87"	350	1,400	24.0	1.4

2SN - Two Wire Hydraulic Hose

Powertrack International's **2SN- Two Wire Hydraulic Hose** is a medium pressure hydraulic hose used in the oilfield, farming, and off-road construction industries and meets or exceeds EN853-2SN. This hose is constructed with two high tensile steel wire braids and is abrasion and oil-resistant.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
2SN-04	1/4"	0.58"	5,800	25,370	2.0	0.2
2SN-05	5/16"	0.64"	5,070	21,460	2.4	0.3
2SN-06	3/8"	0.74"	5,070	20,300	2.8	0.3
2SN-08	1/2"	0.86"	5,070	20,300	3.5	0.4
2SN-10	5/8"	0.98"	3,620	14,790	3.9	0.5
2SN-12	3/4"	1.14"	3,110	13,050	5.1	0.6
2SN-16	1"	1.45"	2,530	9,710	6.3	0.9
2SN-20	1-1/4"	1.85"	2,030	8,120	16.5	1.3
2SN-24	1-1/2"	2.10"	1,450	7,250	19.7	1.5
2SN-32	2"	2.61"	1,300	6,090	24.8	2.1



Construction:

Reinforcement: Two high tensile steel wire braids.

Cover: Oil and abrasion-resistant synthetic black rubber.

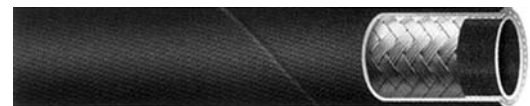
Tube: Oil-resistant synthetic rubber.

Operating Temperatures: -40°F to 212°F constant / 257°F intermittent.

1SN - One Wire Hydraulic Hose

Powertrack International's **1SN- One Wire Hydraulic Hose** is a medium pressure hydraulic line used in the oilfield and farming industries and meets or exceeds EN853-1SN. This hose is constructed with one high tensile steel wire braid reinforcement and an abrasion and oil-resistant cover.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
1SN-04	1/4"	0.51"	3,260	14,500	3.9	0.2
1SN-05	5/16"	0.57"	3,110	13,770	4.5	0.2
1SN-06	3/8"	0.67"	2,610	11,600	5.0	0.2
1SN-08	1/2"	0.79"	2,320	9,860	7.0	0.3
1SN-10	5/8"	0.92"	1,880	8,700	7.9	0.3
1SN-12	3/4"	1.07"	1,520	7,250	9.5	0.4
1SN-16	1"	1.38"	1,300	5,220	11.8	0.6
1SN-20	1-1/4"	1.70"	940	3,770	16.5	0.8
1SN-24	1-1/2"	1.96"	720	3,770	19.7	1.1
1SN-32	2"	2.48"	580	3,620	24.8	1.5



Construction:

Reinforcement: One high tensile steel wire braid.

Cover: Oil and abrasion-resistant synthetic black rubber.

Tube: Oil-resistant synthetic rubber.

Operating Temperatures: -40°F to 212°F constant / 257°F intermittent.

Customize Your Hydraulic Hose Assembly

How to Order Custom Hose Assemblies:

1. Choose hose I.D.
2. Choose working pressure
3. Pick fitting "A" for left side of hose
4. Pick fitting "B" for right side of hose
5. Choose the overall length
6. Call Powertrack

Part Number	Working Pressure (psi) of Hydraulic Hoses										
	Hose I.D.	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"	1-1/4"	1-1/2"	2"
R1T		2,750	2,500	2,250	2,000	1,500	1,250	1,000	625	500	375
R2T		5,000	4,250	4,000	3,500	2,750	2,250	2,000	1,625	1,250	1,125
1SN		3,265	3,120	2,610	2,320	1,890	1,525	1,275	915	725	580
2SN		5,800	5,100	4,800	4,000	3,600	3,100	2,400	1,800	1,300	1,160
R16		5,000		4,000	3,500	2,750	2,250	2,000			
R17		3,045		3,045	3,045	3,045	3,045	3,045			
R12					4,000		4,000	4,000	3,000	2,500	2,500
R9R		7,000		6,450	6,015	5,100	5,100	4,400	4,000	3,700	3,000
4SH							6,090	5,510	5,075	4,205	3,625
R13							5,000	5,000	5,000	5,000	5,000
R15							6,000	6,000	6,000	6,000	

Available Fittings From Which To Customize Your Hose:

- | | |
|---|--|
| <p>MP - Male NPT Solid
 MPX - Male NPT Swivel
 FP - Female NPT Solid
 FPX - Female NPSM Swivel
 FJX - Female JIC Swivel
 FJX45 - Female JIC Swivel 45° Elbow
 FJX90 - Female JIC Swivel 90° Elbow
 FJX90L - Female JIC Swivel 90° Elbow- Long Drop
 MJ - Male JIC Solid- 37° Flare
 MS - Male SAE Solid- 45° Flare
 FSX - Female SAE 45° Flare Swivel
 FSX90 - Female SAE 45° Flare Swivel- 90° Elbow
 FG - Female Grease Thread Solid- 1/2"-27
 MORF - Male O Ring Face Seal
 ORFS - Female O Ring Face Seal
 ORFS45 - Female O Ring Face Seal- 45° Elbow
 ORFS90 - Female O Ring Face Seal- 90° Elbow
 ORFS90L - Female O Ring Face Seal- 90° Elbow- Long Drop
 ORB - Male O Ring Boss
 SFL - SAE Flange- Low Pressure (Code 61)
 SFL45 - SAE Flange 45° Elbow- Low Pressure (Code 61)
 SFL60 - SAE Flange 60° Elbow- Low Pressure (Code 61)
 SFL90 - SAE Flange 90° Elbow- Low Pressure (Code 61)
 SFH - SAE Flange- High Pressure (Code 62)
 SFH45 - SAE Flange 45° Elbow- High Pressure (Code 62)
 SFH90 - SAE Flange 90° Elbow- High Pressure (Code 62)</p> | <p>MIX - Male Inverted Swivel
 MIX45 - Male Inverted Swivel 45° Elbow
 MIX90 - Male Inverted Swivel 90° Elbow
 FBXF - Female British Swivel- Flat Face
 FBX - Female British Swivel
 FBX45 - Female British Swivel 45° Elbow
 FBX90 - Female British Swivel 90° Elbow
 FBX90c - Female British Swivel 90° Elbow- Compact Type
 MBP - Male British Parallel
 MBT - Male British Taper
 DKOL - Female Metric Swivel- Light Series
 DKOL45 - Female Metric Swivel 45° Elbow- Light Series
 DKOL90 - Female Metric Swivel 90° Elbow- Light Series
 DKOS - Female Metric Swivel- Heavy Series
 DKOS45 - Female Metric Swivel 45° Elbow- Heavy Series
 DKOS90 - Female Metric Swivel 90° Elbow- Heavy Series
 CEL - Male Metric- Light Series
 CES - Male Metric- Heavy Series
 FJIX - Female Swivel- Japanese Industrial Standard
 FKX - Female Swivel- Japanese Komatsu Type
 SFK - Split Flange- Komatsu Type
 SFK45 - Split Flange 45° Elbow- Komatsu Type
 SFK90 - Split Flange 90° Elbow- Komatsu Type
 PW - Pressure Washer
 KW - Pressure Washer Kaercher</p> |
|---|--|

Oilfield Vacuum Hose

Powertrack International's lightweight **Oilfield Vacuum Hose** is sturdy but very flexible making it ideal for the transfer of crude oil, brine water, drilling mud, and diesel fuel. This hose is best suited for use where full suction and working pressures are required.

Construction:

Reinforcement: Multiple synthetic textile cords with dual helical wires.

Cover: SBR/EPDM.

Tube: NBR/SBR, RMA IP-2, Class B.

Couplings: Crimp-on, KC nipple, cam and groove coupling, and hammer union.

Operating Temperatures: -30°F to 180°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
PT102-24	1-1/2"	1.88"	150	1.5	0.7
PT102-32	2"	2.44"	150	2.0	0.9
PT102-48	3"	3.50"	150	2.5	1.2
PT102-64	4"	4.56"	150	3.0	1.4
PT102-96	6"	6.63"	100	4.0	2.3

Corrugated Suction and Discharge Hose

Powertrack International's **Corrugated Oilfield Suction and Discharge Hose** is ideal for the transfer of oilfield waste, sludge, and brine water. It is constructed with an oil and fuel-resistant conductive black NPR tube. The synthetic black corrugated cover is oil, weather, and ozone resistant. High tensile synthetic cord with a wire helix and anti-static copper wire provides reinforcement. The temperature range is -22°F to 180°F.

Construction:

Reinforcement: High tensile synthetic cord with a wire helix and anti-static copper wires.

Cover: Oil, weather, and ozone-resistant corrugated black synthetic rubber.

Tube: Oil and fuel-resistant conductive black NBR.

Operating Temperatures: -22°F to 180°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Approx. Weight lbs. / ft.
PT103-16	1"	1.38"	150	0.5
PT103-20	1-1/4"	1.69"	150	0.6
PT103-24	1-1/2"	1.93"	150	0.8
PT103-32	2"	2.48"	150	1.2
PT103-40	2-1/2"	2.95"	150	1.5
PT103-48	3"	3.46"	150	2.0
PT103-64	4"	4.61"	150	3.0
PT103-80	5"	5.71"	150	4.1
PT103-96	6"	6.61"	150	5.6
PT103-128	8"	8.78"	150	8.8

Petroleum Suction Hose ~ 150 psi and 250 psi

Powertrack International's **150 psi and 250 psi Petroleum Suction Hose** are heavy-duty hoses designed for easy handling and greater flexibility in petroleum suction and discharge applications.

150 psi specifications:

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
PT616-32	2"	2.51"	150	10.0	1.3
PT616-48	3"	3.52"	150	16.0	2.2
PT616-64	4"	4.72"	150	18.0	3.4
PT616-96	6"	6.92"	120	22.0	6.2

250 psi specifications:

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
PT617-12	3/4"	1.22"	250	4.9	0.5
PT617-16	1"	1.46"	250	5.9	0.6
PT617-20	1-1/4"	1.73"	250	6.9	0.7
PT617-24	1-1/2"	2.01"	250	8.9	0.9
PT617-32	2"	2.64"	250	10.8	1.6
PT617-40	2-1/2"	3.11"	250	11.8	1.9
PT617-48	3"	3.62"	250	13.8	2.3
PT617-64	4"	4.65"	250	17.7	3.0

Construction:

Reinforcement: Spiralled high tensile textile cords with a double steel helix wire.

Cover: Black nitrile.

Tube: Black nitrile.

Couplings: Cam & groove, shank hose couplings.

Operating Temperatures: -40°F to 200°F.



Reinforcement: High tensile synthetic textile with a steel wire helix and 2 anti-static copper wires.

Cover: Oil, flame, ozone, weather, abrasion, and sea water-resistant synthetic rubber.

Tube: Oil and petrol-resistant, conductive synthetic nitrile black rubber.

Couplings: Cam & groove, shank hose couplings.

Operating Temperatures: -40°F to 200°F.

Feature: For suction and discharge of petroleum products with an aromatic content up to 50%.

Black Rubber Suction Hose

Powertrack International's **Black Rubber Suction Hose** is designed for the transfer of water based liquid fertilizers and pesticides and to haul brine water. It can also be used for both suction and discharge pumping of water and slurries.

Construction:

Reinforcement: High tensile tire cords with a helix wire.

Cover: EPDM blend.

Tube: EPDM blend.

Couplings: Crimp-on, KC nipple, cam & groove coupling, and hammer union.

Operating Temperatures: -40°F to 190°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
PT100-24	1-1/2"	1.94"	150	8.0	0.7
PT100-32	2"	2.44"	150	10.0	0.9
PT100-48	3"	3.50"	150	16.0	1.5
PT100-64	4"	4.56"	150	12.0	3.9
PT100-96	6"	6.69"	150	14.0	4.6
PT100-128	8"	8.75"	100	25.0	6.3
PT100-160	10"	10.75"	100	40.0	9.1
PT100-192	12"	12.94"	100	55.0	10.8

UHMWPE Chemical Hose

Powertrack International's **Ultra High Molecular Weight Polyethylene Chemical Suction and Discharge Hose** is designed to convey a broad range of chemical solutions. The UHMWPE Chemical Hose is designed with a smooth UHMWPE tube, high tensile textile plies, a helix wire reinforcement, and a blue EPDM rubber cover, providing resistance to weather and chemicals. The UHMWPE Chemical Hose handles temperatures up to 225°F, depending on the medium and the concentration of the media.



Construction:

Reinforcement: High tensile synthetic cord with a wire helix and anti-static copper wires.

Cover: Weather, ozone, and abrasion-resistant blue EPDM rubber.

Tube: Chemical and solvent-resistant translucent UHMWPE (ultra high molecular weight polyethylene).

Couplings: Cam & groove.

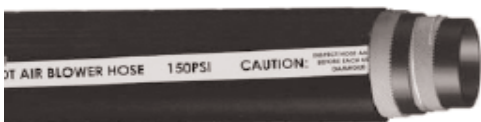
Operating Temperatures: -22°F to 225°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
PT630-UHMWPE-12	3/4"	1.22"	250	4.7	0.4
PT630-UHMWPE-16	1"	1.46"	250	5.9	0.5
PT630-UHMWPE-20	1-1/4"	1.73"	250	7.9	0.7
PT630-UHMWPE-24	1-1/2"	2.00"	250	9.1	0.8
PT630-UHMWPE-32	2"	2.56"	250	11.8	1.2
PT630-UHMWPE-40	2-1/2"	3.11"	250	15.0	1.6
PT630-UHMWPE-48	3"	3.62"	250	18.1	2.0
PT630-UHMWPE-64	4"	4.65"	250	23.6	2.6

Note: Call 800-365-1577 to ensure that the UHMWPE Chemical Hose will handle your specific chemical.

Hot Air Blower Hose

Powertrack International's **Hot Air Blower Hose** has excellent heat resistance, making it ideal for transferring hot air between the air compressor and dry bulk tank or bulk material carriers.



Construction:

Reinforcement: Two braids of high tensile textile cords and dual spiralled, highly flexible steel helical wires.

Cover: Heat, abrasion, and ozone-resistant black EPDM rubber.

Tube: Black, heat-resistant EPDM rubber.

Couplings: Cam and groove, pin lug, short shank couplings, or combination nipples.

Operating Temperatures: -40°F to 350°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Min. Bend Radius (in.)	Approx. Weight lbs. / ft.
PT110-32	2"	2.48"	150	6	1.0
PT110-48	3"	3.54"	150	9	1.6
PT110-64	4"	4.65"	150	12	2.2

Tan Flextra Hose

GOODYEAR® Tan Flextra Hose is a bulk transfer hose used to convey non-oily abrasive materials such as sand, limestone, plastic pellets, and dry abrasive food products. Construction includes a tan pureten gum rubber tube reinforced with spiral-plied synthetic fabric and a wire helix reinforcement. The corrugated cover is tan plioflex gum rubber with a yellow spiral stripe. The Tan Flextra Hose has a temperature range of -40°F to 180°F.



Construction:

Reinforcement: Spiralled high tensile textile cords with static wire and four highly flexible steel helix wires.

Cover: Abrasion and ozone-resistant. Tan SBR/EPDM blend.

Tube: 3/16" thick white natural rubber. FDA compliant.

Couplings: Cam and groove, pin lug, short shank couplings, or combination nipples.

Operating Temperatures: -22°F to 176°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure at 68°F (psi)	Vacuum HG. (in.)	Bend Radius (in.)	Approx. Weight lbs. / ft.
Tan Flextra-24	1-1/2"	2.09"	75	29	4	1.0
Tan Flextra-32	2"	2.60"	75	29	4	1.2
Tan Flextra-48	3"	3.63"	75	29	6	1.9
Tan Flextra-64	4"	4.69"	75	29	9	2.7
Tan Flextra-80	5"	5.78"	75	29	12	4.3
Tan Flextra-96	6"	6.78"	75	29	15	4.9

Jetting Hose

Powertrack International's high pressure, heavy-duty **Jetting Hose** is designed for stripping layers from hard surfaces and for washdown applications. The Jetting Hose's premium grade cover offers protection against ozone and abrasion.



Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Plies of Rein.	Approx. Weight lbs. / ft.
PT24-JETTING-48	3"	3.70"	800	6	Bob will get
PT24-JETTING-64	4"	4.81"	800	6	4.9

Other sizes available upon request.

Construction:

Reinforcement: Textile.

Cover: Abrasion-resistant neoprene/SBR.

Tube: Water resistant black SBR.

Couplings: Contact Powertrack International for available fittings.

Operating Temperatures: -40°F to 180°F.

Frac Tank Hose

3" and 4" Sizes:

Specially designed for high pressure discharge of crude oil for frac tank connections.

Construction:

Reinforcement: High tensile synthetic cord with anti-static copper wires.

Cover: Oil and fuel, weather, and ozone-resistant. Smooth, cloth impression, black nitrile.

Tube: Oil and fuel resistant conductive black nitrile.

Couplings:

Operating Temperatures: -40°F to 180°F.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Approx. Weight lbs. / ft
	3"	3.62	400		Bob will get
	4"	4.72	400		2.9

6" and 8" Sizes:

Ideal for handling fresh and salt water, tank bottoms, crude oil, and drilling mud. The corrugated cover allows for maximum flexibility.

Construction:

Reinforcement: High tensile synthetic plies with a wire helix.

Cover: Weather, abrasion, and ozone-resistant. Flexible, corrugated, cloth impression, black SBR/EPDM.

Tube: Water, air, and oil mist-resistant. Smooth, black SBR/NBR.

Couplings: Crimp-on or banded NPT and frac unions.

Operating Temperatures: -22°F to 185°F.



Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Burst Pressure (psi)	Approx. Weight lbs. / ft
PT25-Frac-96	6"	6.61"	150	450	6.8
PT25-Frac-128	8"	8.70"	150	450	9.7

Frac Tank Hose Assemblies



Hose Assemblies with Standard Ends

Part Number	Description
PT25-FRAC-96/STD/43IN	43" Overall (including ends) w/ 6" Standard Frac Tank Ends
PT25-FRAC-96/STD/51IN	51" Overall (including ends) w/ 6" Standard Frac Tank Ends
PT25-FRAC-128/STD/43IN	43" Overall (including ends) w/ 8" Standard Frac Tank Ends
PT25-FRAC-128/STD/51IN	51" Overall (including ends) w/ 8" Standard Frac Tank Ends
PT25-FRAC-128/STD/63IN	63" Overall (including ends) w/ 8" Standard Frac Tank Ends
PT25-FRAC-128/STD/75IN	75" Overall (including ends) w/ 8" Standard Frac Tank Ends
PT25-FRAC-128/STD/240IN	20ft. Length w/ 8" Standard Frac Tank Ends



8" Hose Assemblies with West Texas Double Seal Ends

Part Number	Description
PT25-FRAC-128/DBLSEAL/43IN	43" Overall (including ends) w/ 8" West Texas Frac Tank Ends
PT25-FRAC-128/DBLSEAL/51IN	51" Overall (including ends) w/ 8" West Texas Frac Tank Ends
PT25-FRAC-128/DBLSEAL/63IN	63" Overall (including ends) w/ 8" West Texas Frac Tank Ends
PT25-FRAC-128/DBLSEAL/75IN	75" Overall (including ends) w/ 8" West Texas Frac Tank Ends



Yellow Wire Braid Air Hose

Powertrack International's heavy-duty, steel wire reinforced **Yellow Wire Braid Air Hose** is designed for rough applications in mining, quarries, and construction industries where extra strength is needed to safely handle high pressure and high volume air requirements.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Plies of Rein.	Approx. Weight lbs. / ft.
PT16-YWLAIR-08	1/2"	0.94"	1000	2	0.4
PT16-YWLAIR-12	3/4"	1.18"	1000	2	0.6
PT16-YWLAIR-16	1"	1.50"	1000	2	0.7
PT16-YWLAIR-20	1-1/4"	1.77"	800	2	0.9
PT16-YWLAIR-24	1-1/2"	2.08"	800	2	1.2
PT16-YWLAIR-32	2"	2.60"	600	2	1.8
PT16-YWLAIR-40	2-1/2"	3.15"	500	2	2.4
PT16-YWLAIR-48	3"	3.75"	500	2	3.1
PT16-YWLAIR-64	4"	4.85"	400	2	4.2



Construction:

Reinforcement: High tensile steel wire.

Cover: Smooth, yellow synthetic rubber. Weather and abrasion-resistant.

Tube: Black, smooth synthetic rubber. Heat and oil mist-resistant.

Couplings: Contact Powertrack International for available fittings.

Operating Temperatures:

Air: -40°F to 212°F.

Steam Hose

Powertrack International's **Steam Hose** is ideal for saturated and super heated steam services up to 450°F with a 250psi working pressure. The Steam Hose has a black or red EPDM tube with high tensile steel wire reinforcement and a black or red EPDM cover.

Part Number	Hose I.D. (in.)	Hose O.D. (in.)	Working Pressure (psi)	Plies of Rein.	Approx. Weight lbs. / ft.
PT58-BKSTEAM-08	1/2"	0.95"	250	2	0.30
PT58-RDSTEAM-08	1/2"	0.95"	250	2	0.30
PT58-BKSTEAM-12	3/4"	1.21"	250	2	0.45
PT58-RDSTEAM-12	3/4"	1.21"	250	2	0.45
PT58-BKSTEAM-16	1"	1.50"	250	2	0.60
PT58-RDSTEAM-16	1"	1.50"	250	2	0.60
PT58-BKSTEAM-20	1-1/4"	1.80"	250	2	0.85
PT58-RDSTEAM-20	1-1/4"	1.80"	250	2	0.85
PT58-BKSTEAM-24	1-1/2"	2.10"	250	2	1.10
PT58-RDSTEAM-24	1-1/2"	2.10"	250	2	1.10
PT58-BKSTEAM-32	2"	2.65"	250	2	1.55
PT58-RDSTEAM-32	2"	2.65"	250	2	1.55



Construction:

Reinforcement: High tensile steel wire.

Cover: Black or red EPDM.

Tube: Black EPDM.

Couplings: Ground joint.

Operating Temperatures: Up to 450°F.

Hose Grips

Dual Lift Eye Grip



~Available with single or double weave.

Cord Cap Grip



Cam and Groove

Aluminum, malleable iron, and stainless steel

TYPE A

(Male Adapter x Female NPT)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-A-AL	---	PT-50-A-SS
3/4" x 1/2"	PT-7550-A-AL	---	PT-7550-A-SS
3/4"	PT-75-A-AL	---	PT-75-A-SS
1"	PT-100-A-AL	---	PT-100-A-SS
1-1/4"	PT-125-A-AL	---	PT-125-A-SS
1-1/2"	PT-150-A-AL	PT-150-A-MI	PT-150-A-SS
2"	PT-200-A-AL	PT-200-A-MI	PT-200-A-SS
2-1/2"	PT-250-A-AL	---	PT-250-A-SS
3"	PT-300-A-AL	PT-300-A-MI	PT-300-A-SS
4"	PT-400-A-AL	PT-400-A-MI	PT-400-A-SS
5"	PT-500-A-AL	PT-500-A-MI	PT-500-A-SS
6"	PT-600-A-AL	---	PT-600-A-SS
8" AND*	PT-800-A-AL	---	---
8" BL*	PT-801-A-AL	---	---

TYPE B

(Female Coupling x Male NPT)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-B-AL	---	PT-50-B-SS
3/4"	PT-75-B-AL	---	PT-75-B-SS
1"	PT-100-B-AL	---	PT-100-B-SS
1-1/4"	---	---	---
1-1/2"	PT-150-B-AL	PT-150-B-MI	PT-150-B-SS
2"	PT-200-B-AL	PT-200-B-MI	PT-200-B-SS
2-1/2"	---	---	PT-250-B-SS
3"	PT-300-B-AL	PT-300-B-MI	PT-300-B-SS
4"	PT-400-B-AL	PT-400-B-MI	PT-400-B-SS
5"	PT-500-B-AL	---	---
6"	PT-600-B-AL	---	PT-600-B-SS
8"	PT-800-B-AL	---	---

TYPE C

(Female Coupling x Hose Shank)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-C-AL	---	PT-50-C-SS
3/4"	PT-75-C-AL	---	PT-75-C-SS
1"	PT-100-C-AL	---	PT-100-C-SS
1-1/4"	---	---	PT-125-C-SS
1-1/2"	PT-150-C-AL	PT-150-C-MI	PT-150-C-SS
2"	PT-200-C-AL	PT-200-C-MI	PT-200-C-SS
2-1/2"	---	---	PT-250-C-SS
3"	PT-300-C-AL	PT-300-C-MI	PT-300-C-SS
4"	PT-400-C-AL	PT-400-C-MI	PT-400-C-SS
5"	PT-500-C-AL	---	PT-500-C-SS
6"	PT-600-C-AL	---	PT-600-C-SS
8"	PT-800-C-AL	---	---

TYPE D

(Female Coupling x Female NPT)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-D-AL	---	PT-50-D-SS
3/4"	PT-75-D-AL	---	PT-75-D-SS
1"	PT-100-D-AL	---	PT-100-D-SS
1-1/4"	---	---	PT-125-D-SS
1-1/2"	PT-150-D-AL	PT-150-D-MI	PT-150-D-SS
2"	PT-200-D-AL	PT-200-D-MI	PT-200-D-SS
2-1/2"	---	---	PT-250-D-SS
3"	PT-300-D-AL	PT-300-D-MI	PT-300-D-SS
4"	PT-400-D-AL	PT-400-D-MI	PT-400-D-SS
5"	PT-500-D-AL	PT-500-D-MI	PT-500-D-SS
6"	PT-600-D-AL	---	PT-600-D-SS
8"	PT-800-D-AL	---	---

TYPE E

(Male Adapter x Hose Shank)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-E-AL	---	PT-50-E-SS
3/4" x 1/2"	PT-7550-E-AL	---	PT-7550-E-SS
3/4"	PT-75-E-AL	---	PT-75-E-SS
1"	PT-100-E-AL	---	PT-100-E-SS
1-1/4"	PT-125-E-AL	---	PT-125-E-SS
1-1/2"	PT-150-E-AL	PT-150-E-MI	PT-150-E-SS
2"	PT-200-E-AL	PT-200-E-MI	PT-200-E-SS
2-1/2"	PT-250-E-AL	---	PT-250-E-SS
3"	PT-300-E-AL	PT-300-E-MI	PT-300-E-SS
4"	PT-400-E-AL	PT-400-E-MI	PT-400-E-SS
5"	PT-500-E-AL	---	PT-500-E-SS
6"	PT-600-E-AL	---	PT-600-E-SS
8" AND*	PT-800-E-AL	---	---
8" BL*	PT-801-E-AL	---	---

*Cam & Groove couplings do not interchange in 8" size.

WARNING:
UNDER NO CIRCUMSTANCES
should Cam and Groove couplings
be used for compressed air or
steam service!

Cam and Groove

Aluminum, malleable iron, and stainless steel

TYPE F

(Male Adapter x Male NPT)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-F-AL	---	PT-50-F-SS
3/4" x 1/2"	PT-7550-F-AL	---	PT-7550-F-SS
3/4"	PT-75-F-AL	---	PT-75-F-SS
1"	PT-100-F-AL	---	PT-100-F-SS
1-1/4"	PT-125-F-AL	---	PT-125-F-SS
1-1/2"	PT-150-F-AL	PT-150-F-MI	PT-150-F-SS
2"	PT-200-F-AL	PT-200-F-MI	PT-200-F-SS
2-1/2"	PT-250-F-AL	---	PT-250-F-SS
3"	PT-300-F-AL	PT-300-F-MI	PT-300-F-SS
4"	PT-400-F-AL	PT-400-F-MI	PT-400-F-SS
5"	PT-500-F-AL	---	---
6"	PT-600-F-AL	---	PT-600-F-SS
8" AND*	PT-800-F-AL	---	---
8" BL*	PT-801-F-AL	---	---

TYPE DC

(Dust Cap)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-DC-AL	---	PT-50-DC-SS
3/4"	PT-75-DC-AL	---	PT-75-DC-SS
1"	PT-100-DC-AL	---	PT-100-DC-SS
1-1/4"	---	---	---
1-1/2"	PT-150-DC-AL	---	PT-150-DC-SS
2"	PT-200-DC-AL	PT-200-DC-MI	PT-200-DC-SS
2-1/2"	---	---	PT-250-DC-SS
3"	PT-300-DC-AL	PT-300-DC-MI	PT-300-DC-SS
4"	PT-400-DC-AL	PT-400-DC-MI	PT-400-DC-SS
5"	PT-500-DC-AL	---	PT-500-DC-SS
6"	PT-600-DC-AL	---	PT-600-DC-SS
8"	PT-800-DC-AL	---	---

TYPE DP

(Dust Plug)



Size	Aluminum Part #	Malleable Iron Part #	Stainless Steel Part #
1/2"	PT-50-DP-AL	---	PT-50-DP-SS
3/4"	PT-75-DP-AL	---	PT-75-DP-SS
1"	PT-100-DP-AL	---	PT-100-DP-SS
1-1/4"	PT-125-DP-AL	---	PT-125-DP-SS
1-1/2"	PT-150-DP-AL	PT-150-DP-MI	PT-150-DP-SS
2"	PT-200-DP-AL	PT-200-DP-MI	PT-200-DP-SS
2-1/2"	PT-250-DP-AL	---	PT-250-DP-SS
3"	PT-300-DP-AL	PT-300-DP-MI	PT-300-DP-SS
4"	PT-400-DP-AL	PT-400-DP-MI	PT-400-DP-SS
5"	PT-500-DP-AL	---	---
6"	PT-600-DP-AL	---	PT-600-DP-SS
8" AND*	PT-800-DP-AL	---	---
8" BL*	PT-801-DP-AL	---	---

Cam and Groove Gaskets



Size	Aluminum Part #
1/2"	PT-50-G-BU
3/4"	PT-75-G-BU
1"	PT-100-G-BU
1-1/4"	PT-125-G-BU
1-1/2"	PT-150-G-BU
2"	PT-200-G-BU
2-1/2"	PT-250-G-BU
3"	PT-300-G-BU
4"	PT-400-G-BU
5"	PT-500-G-BU
6"	PT-600-G-BU
8"	PT-800-G-BU

Steel Hose Mender



Size	Part #
1/2"	PT-DM1
3/4"	PT-DM6
1"	PT-DM11
1-1/4"	PT-DM16
1-1/2"	PT-DM21
2"	PT-DM26
2-1/2"	PT-DM31
3"	PT-DM36
4"	PT-DM46
6"	PT-DM66

Round Hole Strainer



Size	Part #
1-1/2"	PT-RHS20
2"	PT-RHS25
2-1/2"	PT-RHS30
3"	PT-RHS35
4"	PT-RHS40
5"	PT-RHS50
6"	PT-RHS60
8"	PT-RHS80
10"	PT-RHS100
12"	PT-RHS120

*Dust Caps and Dust Plugs are **NOT** to be used in Pressure Applications for safety and environmental reasons.

WARNING:
UNDER NO CIRCUMSTANCES should Cam and Groove couplings be used for compressed air or steam service!

*Cam & Groove couplings do not interchange in 8" size.

Reducing Cam and Groove Couplings

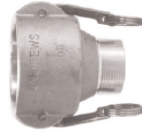
Aluminum, brass, and stainless steel



reducing male adapter x female NPT

Type A Adapter x Female NPT

Size	Aluminum Part #	Stainless Steel Part #
2" x 1-1/2"	PT-2015-A-AL	PT-2015-A-SS*
2" x 3"	PT-2030-A-AL	PT-2030-A-SS
3" x 2"	PT-3020-A-AL	PT-3020-A-SS
3" x 4"	PT-3040-A-AL	-
4" x 3"	PT-4030-A-AL	PT-4030-A-SS*
4" x 6"	PT-4060-A-AL	-
6" x 4"	PT-6040-A-AL	PT-6040-A-SS*



reducing coupler x male NPT

Type B Coupler x Male NPT

Size	Aluminum Part #	Stainless Steel Part #
1-1/2" x 1"	PT-1510-B-AL	PT-1510-B-SS*
2" x 1-1/2"	PT-2015-B-AL	PT-2015-B-SS
2" x 3"	PT-2030-B-AL	-
3" x 2"	PT-3020-B-AL	PT-3020-B-SS*
3" x 4"	PT-3040-B-AL	-
4" x 3"	PT-4030-B-AL	PT-4030-B-SS*



reducing female coupler x hose shank

Type C Coupler x Hose Shank

Size	Aluminum Part #	Stainless Steel Part #
2" x 1-1/2"	PT-2015-C-AL*	PT-2015-C-SS*
3" x 2"	PT-3020-C-AL	PT-3020-C-SS
3" x 2-1/2"	-	PT-3025-C-SS
3" x 4"	PT-3040-C-AL	-
4" x 3"	PT-4030-C-AL	PT-4030-C-SS*
5" x 4"	PT-5040-C-AL*	-



reducing female coupler x female NPT

Type D Coupler x Female NPT

Size	Aluminum Part #	Brass Part #	Stainless Steel Part #
1-1/2" x 1"	PT-1510-D-AL*	-	PT-1510-D-SS*
2" x 1-1/2"	PT-2015-D-AL	-	PT-2015-D-SS
3" x 2"	PT-3020-D-AL	-	PT-3020-D-SS
4" x 3"	PT-4030-D-AL	PT-4030-D-BR	PT-4030-D-SS*
5" x 4"	PT-5040-D-AL*	-	-
6" x 4"	PT-6040-D-AL*	-	-



reducing male adapter x hose shank

Type E Adapter x Hose Shank

Size	Aluminum Part #	Stainless Steel Part #
2" x 1-1/2"	PT-2015-E-AL*	PT-2015-E-SS*
3" x 2"	-	PT-3020-E-SS*
3" x 2-1/2"	-	PT-3025-E-SS
4" x 3"	PT-4030-E-AL	PT-4030-E-SS*
5" x 4"	PT-5040-E-AL*	-



reducing male adapter x male NPT

Type F Adapter x Male NPT

Size	Aluminum Part #	Stainless Steel Part #
1-1/2" x 2"	PT-1520-F-AL	-
2" x 1-1/4"	PT-2015-F-AL	PT-2015-F-SS*
2" x 3"	PT-2030-F-AL	-
3" x 1-1/2"	PT-3015-F-AL	PT-3015-F-SS*
3" x 2"	PT-3020-F-AL	PT-3020-F-SS
3" x 4"	PT-3040-F-AL	-
4" x 3"	PT-4030-F-AL	PT-4030-F-SS*

Coupler x Adapter

Size	Aluminum Part #	Stainless Steel Part #
1" x 1-1/2"	PT-1015-DA-AL*	PT-1015-DA-SS*
1-1/2" x 1"	PT-1510-DA-AL	PT-1510-DA-SS*
1-1/2" x 2"	PT-1520-DA-AL	PT-1520-DA-SS
2" x 1"	PT-2010-DA-AL*	PT-2010-DA-SS*
2" x 1-1/2"	PT-2015-DA-AL	PT-2015-DA-SS
2" x 2-1/2"	PT-2025-DA-AL*	PT-2025-DA-SS*
2" x 3"	PT-2030-DA-AL	PT-2030-DA-SS
2" x 4"	PT-2040-DA-AL	PT-2040-DA-SS*
2-1/2" x 2"	-	PT-2520-DA-SS*
2-1/2" x 3"	-	PT-2530-DA-SS*
3" x 1-1/2"	PT-3015-DA-AL	PT-3015-DA-SS*
3" x 2"	PT-3020-DA-AL	PT-3020-DA-SS
3" x 2-1/2"	PT-3025-DA-AL*	PT-3025-DA-SS*
3" x 4"	PT-3040-DA-AL	PT-3040-DA-SS
3" x 6"	PT-3060-DA-AL*	PT-3060-DA-SS*
4" x 2"	PT-4020-DA-AL	PT-4020-DA-SS*
4" x 2-1/2"	PT-4025-DA-AL	PT-4025-DA-SS*
4" x 3"	PT-4030-DA-AL	PT-4030-DA-SS
4" x 5"	PT-4050-DA-AL	-
4" x 6"	PT-4060-DA-AL	PT-4060-DA-SS*
5" x 3"	PT-5030-DA-AL*	PT-5030-DA-SS*
5" x 4"	PT-5040-DA-AL	PT-5040-DA-SS*
5" x 6"	PT-5060-DA-AL*	PT-5060-DA-SS
6" x 3"	PT-6030-DA-AL	PT-6030-DA-SS*
6" x 4"	PT-6040-DA-AL	PT-6040-DA-SS
6" x 5"	PT-6050-DA-AL	PT-6050-DA-SS*
8" x 6"	PT-8060-DA-AL**	-



3" coupler x 1-1/2" adapter



4" coupler x 6" adapter



3" coupler x 2-1/2" adapter



5" coupler x 6" adapter

Size	Aluminum Hard Coat Part #	Brass Part #	Iron Part #
3" x 2"	PT-3020-DA-ALH	PT-3020-DA-BR	PT-3020-DA-MI
3" x 4"	-	PT-3040-DA-BR	-
4" x 3"	PT-4030-DA-ALH	PT-4030-DA-BR	PT-4030-DA-MI
6" x 4"	-	PT-6040-DA-BR	PT-6040-DA-MI

WARNING:
UNDER NO CIRCUMSTANCES
should Cam and Groove couplings
be used for compressed air or
steam service!

*Parts are produced as a welded fabrication.

**The 8" coupler has 4 cam arms and does not interchange.

Standard Frac Tank Fittings

Standard Threaded Blind



Size	Part #
6"	PT-FRAC-BLIND-6
8"	PT-FRAC-BLIND-8

Standard Hose



Size	Part #
6"	PT-FRAC-F-6
8"	PT-FRAC-F-8

Tank O-Ring



Size	Part #
6"	PT-FRAC-ORING-6
8"	PT-FRAC-ORING-8

Standard 3-Piece Coupling Weld-on or Threaded



Size	Part #
6"	PT-FRAC-3PC-6
8"	PT-FRAC-3PC-8

Standard Threaded Tank



Size	Part #
6"	PT-FRAC-MTH-6
8"	PT-FRAC-MTH-8

Standard Weld-On Female



Size	Part #
6"	PT-FRAC-FWO-6
8"	PT-FRAC-FWO-8

Standard Weld-On Tank



Size	Part #
6"	PT-FRAC-MWO-6
8"	PT-FRAC-MWO-8

Standard Hammer Nut



Standard Threaded Female



Size	Part #
6"	PT-FRAC-FTH-6
8"	PT-FRAC-FTH-8

Standard O-Ring Threaded Tank



Size	Part #
6"	PT-FRAC-MOR-6
8"	PT-FRAC-MOR-8

Size	Part #
6"	PT-FRAC-NUT-6
8"	PT-FRAC-NUT-8

Shank Hose Couplings

Combination Hose Nipple

Combination Hose Nipple



Plated Steel and Unplated Steel sizes 1/2" - 2" are available in knurled version upon request.

Brass and Aluminum sizes 1/2" - 3/4" are available in knurled version upon request.

Size	Plated Steel NPT Thread	Unplated Steel NPT Thread	316 Stainless Steel NPT Thread	Brass NPT Thread	Aluminum NPT Thread	Hastelloy NPT Thread
	Part #	Part #	Part #	Part #	Part #	Part #
1/2"	PT-STC1	PT-ST1	PT-RST1*	PT-BST1	PT-AST1	-
3/4"	PT-STC5	PT-ST5	PT-RST5*	PT-BST5	PT-AST5	-
1"	PT-STC10	PT-ST10	PT-RST10	PT-BST10	PT-AST10	-
1-1/4"	PT-STC15	PT-ST15	PT-RST15	PT-BST15	PT-AST15	-
1-1/2"	PT-STC20	PT-ST20	PT-RST20	PT-BST20	PT-AST20	-
2"	PT-STC25	PT-ST25	PT-RST25	PT-BST25	PT-AST25	PT-HST25
2-1/2"	PT-STC30	PT-ST30	PT-RST30	PT-BST30	PT-AST30	-
3"	PT-STC35	PT-ST35	PT-RST35	PT-BST35	PT-AST35	PT-HST35
4"	PT-STC40	PT-ST40	PT-RST40	PT-BST40	PT-AST40	-
5"	PT-STC50	PT-ST50	PT-RST50	-	PT-AST50	-
6"	PT-STC60	PT-ST60	PT-RST60	-	PT-AST60	-
8"	PT-STC80	PT-ST80	PT-RST80	-	-	-
10"	PT-STC100	PT-ST100	-	-	-	-
12"	PT-STC120	PT-ST120	-	-	-	-

*Made from casting.

HOSE

Hydraulic up to 10K psi
Cat
Firesafe
B.O.P.
Oilfield
Rotary Drill
Waterblast
Thermoplastic to 40K psi
Sewer Cleaning
Vacuum
Tank Truck
Petroleum Suction
PVC Suction
Chemical
Single and Double Jacket Fire
Tar and Asphalt
Food Grade
Marine
Fuel
Steam
Teflon
Plastic
Ducting
Dock
Sandblast
Paint Spray
Twin Line
Concrete Pumping
Layflat Discharge
Material Handling
Jackhammer Hose Assemblies

*Air Hose- Including Bulk or
Hose Assemblies*

*Water Hose- Including
Contractor's Water Hose
Assemblies*

***COUPLINGS**
Hydraulic
Metric
Cam and Groove
Stainless Steel
Reusable
Crimped

***COUPLINGS (continued)**

Swaged
Push On
Brass
Expansion Joints

***ADAPTERS**

Metric
American
Pipe
Stainless Steel
Steel 37°
O-Ring
Brass 45°

CLAMPS

Concrete
Heavy Duty Raised
Victaulic
2 - 4 Bolt
T-Bolt Banding
Worm Gear

QUICK DISCONNECTS

Hydraulic
Air
Industrial
Hammer Unions

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**13225 FM 529, Bldg. E
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