

Industrial Gas Hose Parts List

All Pigtails and Metal Hose are available in any length. Hose length listed is overall length, end to end, including fittings.
 Please contact Teeco to place your order.

1/4" or 1/2" Teflon hose with Brass or SS fittings:

Common Applications: Acetylene, Argon, Nitrogen, Carbon Dioxide, Sulfur Dioxide

Hose Description	Item #	Size
1/4" Pigtails 3500 PSI Teflon, W / 316 SS FNPT	P02-002-11-0024-0-00-00	1/4" x 24"
1/4" Pigtails 3500 PSI Teflon, Brass FNPT	P02-002-17-0024-0-00-00	1/4" x 24"
1/4" Pigtails 3500 PSI Teflon, Swivel Brass FNPT X FNPT	P02-002-22-0024-0-00-00	1/4" x 24"
1/4" Pigtails 4500 PSI Teflon, W / 316 SS FNPT	P04-002-11-0024-0-00-00	1/4" x 24"
1/4" Pigtails 4500 PSI Teflon, W / Naval Brass FNPT	P04-002-12-0024-0-00-00	1/4" x 24"
1/2" Pigtails 4000 PSI Teflon, 316 SS FNPT	P03-004-11-0024-0-00-00	1/2" x 24"
1/2" Pigtails 4000 PSI Teflon, Brass FNPT	P03-004-17-0024-0-00-00	1/2" x 24"

1/4" or 1/2" Teflon Hose with Brass HeatSink fittings:

Oxygen applications

*Note it is not mandatory for an oxygen hose to have a HeatSink fitting. However, Smart-Hose recommends HeatSink fittings for O₂ applications, due to the possibility to generate higher heat levels.

Hose Description	Item #	Size
1/4" Pigtails 3500 PSI Teflon, Brass HeatSink X HeatSink FNPT	P02-002-19-0024-0-00-00	1/4" x 24"
1/4" Pigtails 3500 PSI Teflon, Swivel Brass FNPT X HeatSink	P02-002-23-0024-0-00-00	1/4" x 24"
1/4" Pigtails 4500 PSI Teflon, W / Bronze HeatSink FNPT	P04-002-21-0024-0-00-00	1/4" x 24"
1/2" Pigtails 4000 PSI Teflon, HeatSink Brass FNPT	P03-004-19-0024-0-00-00	1/2" x 24"

1/4" or 1/2" Tefzel hose with Brass or SS fittings:

Helium & Hydrogen Applications

*Note that both Helium and Hydrogen molecules are extremely small. Therefore the Tefzel tube is significantly more dense than the Teflon tube, reducing the amount of permeation of Helium / Hydrogen through the tube.

Hose Description	Item #	Size
1/4" Pigtails 3500 PSI Tefzel, 316 SS FNPT	P51-002-11-0024-0-00-00	1/4" x 24"
1/4" Pigtails 3500 PSI Tefzel, Brass FNPT	P51-002-17-0024-0-00-00	1/4" x 24"
1/4" Pigtails 3500 PSI Tefzel, Swivel Brass FNPT X FNPT	P51-002-22-0024-0-00-00	1/4" x 24"
1/2" Pigtails 4000 PSI Tefzel, 316 SS FNPT	P52-004-11-0024-0-00-00	1/2" x 24"
1/2" Pigtails 4000 PSI Tefzel, Brass FNPT	P52-004-17-0024-0-00-00	1/2" x 24"

Visit www.teecoproducts.com to place your order.
 Or call your local Teeco Branch:

Sacramento, CA
800-225-6621

Auburn, WA
800-426-9456

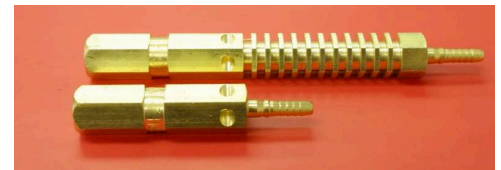
Rapid City, SD
800-843-8660

Smart-Hose High Pressure Hose Accessories

Smart-Hose Heat Dissipater Fittings

Designed to reduce heat generation during the transfer of high pressure oxygen. The Smart-Hose Heat Dissipater offers the following advantages:

- Integrated into the Smart-Hose Fitting / assembly it is in direct contact with the heat source location.
- 2 to 3 times more effective at reducing heat generation than Standard Dissipaters.
- Designed to accept safety loops.
- Works in conjunction with the Smart-Hose Safety System.



Smart-Hose Swivel Fitting

High Pressure Hose assemblies often experience premature hose failure due to excessive hose torque or twisting. Smart-Hose Technologies has designed and engineered a Live Swivel that offers the following advantages:

- Integrated into the Smart-Hose Fitting / Assembly.
- Incorporates a Robust Dual Seal.
- Eliminates Premature hose failure do to excessive hose torque or twisting.
- Designed to accept safety loops.
- Works in conjunction with the Smart-Hose Safety System.



Free Shipping on Online Orders of \$975 or More!
For details, go to www.teecoproducts.com

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1/4" and 1/2" Metal Hose Assemblies:

Metal hose assemblies can be used for most high pressure gas applications (Check Compatibility chart). These metal hose assemblies have a 316 SS tube with single or double 304 SS braid. Remember, the determining factor for most high pressure applications is the working pressure (WP) of the application. The advantage of metal hose assemblies for high pressure gas applications is no permeation.

Hose Description	Item #	Size
1/4" M03 Penflex Series 700 316 SS Tube / 304 SS SB / 316 SS FNPT / 2116 PSI WP	M03-002-11-0024-0-00-00	1/4" x 24"
1/4" M04 Penflex Series 700 316 SS Tube / 304 SS DB / 316 SS FNPT / 3125 PSI WP	M04-002-11-0024-0-00-00	1/4" x 24"
1/4" M09 Bengal Hose / 316 SS Tube / 304 SS DB / 316 SS FNPT / 3500 PSI WP	M09-002-11-0024-0-00-00	1/4" x 24"
1/4" M11 Penflex Series 800 316 SS Tube / 304 SS SB / 316 SS FNPT / 2562 PSI WP	M11-002-11-0024-0-00-00	1/4" x 24"
1/4" M12 Penflex Series 800 316 SS Tube / 304 SS DB / 316 SS FNPT / 4099 PSI WP	M12-002-11-0024-0-00-00	1/4" x 24"

Hose Description	Item #	Size
1/2" M03 Penflex Series 700 316 SS Tube / 304 SS SB / 316 SS FNPT / 1075 PSI WP	M03-004-11-0024-0-00-00	1/2" x 24"
1/2" M04 Penflex Series 700 316 SS Tube / 304 SS DB / 316 SS FNPT / 1720 PSI WP	M04-004-11-0024-0-00-00	1/2" x 24"
1/2" M11 Penflex Series 800 316 SS Tube / 304 SS SB / 316 SS FNPT / 2194 PSI WP	M11-004-11-0024-0-00-00	1/2" x 24"
1/2" M12 Penflex Series 800 316 SS Tube / 304 SS DB / 316 SS FNPT / 3510 PSI WP	M12-004-11-0024-0-00-00	1/2" x 24"

Note Regarding Cryogenic Applications:

Due to the extreme temperatures, Cryogenic applications utilize metal hose assemblies. Most cryogenic metal hose assemblies are ordered with an exterior armor.

Smart-Hose offers a 12 Month Warranty on their products to be free from faulty materials or manufacturing defects from the date of delivery.

Smart-Hose High Pressure Hose Accessories

Smart-Hose High Pressure Bend Restrictor

Horizontal high pressure hose ports can generate concentrated stress on the fitting barb, which can lead to premature hose failure. Smart-Hose Technologies developed a bend restrictor that can be installed on Smart-Hose High Pressure hose assemblies. The bend restrictor is designed to relieve the concentrated stress on the back of the fitting barb and extend the functional life of the hose assembly.



Smart-Hose Safety Loops

For critical high pressure hose applications that need an additional layer of protection, consider adding safety loops to your Smart-Hose assemblies. Each 1/4" Smart-hose High Pressure assembly / fitting is designed to accept a safety loop.



If you would like to include any of these Smart-Hose Accessories, please specify when you place your order.