Pressure Connections has been in business since 1981 and is a certified ISO 9001:2008 Registered firm. We are dedicated to long-term customer relationships through Our Business Philosophy, Our Vision, and Our Mission.

How We Serve You

- Design & Manufacture Adapters & Hose Assemblies
- Sell Globally
- Quality Satisfaction Guaranteed
- Custom Efficiency Kits to Help Manage Inventory, Optimize Production, & Preparation
- Leak Free Guarantee
- Over 90% Fill Rate
- On Time Delivery
- Order With Your Part Numbers
- 1-Year Warranty
- Website:
  - Top In Industry
  - View Our Quality Presentation
  - Call Us for a Peronalized Presentation

Mission

To ship every order every day with quality parts and quality packaging; right parts, on time, every time.

Vision

To provide our customers with the highest value from excellent service, superior quality, and a competitive price.
We Invite You

Our Business Philosophy

Theory R. Management has five basic principles: Doing What is Right, Treating People with Respect, Practicing Reconciliation, Building Relationships, and Taking Responsibility. These principles are our guidelines for behavior and business.

We strive to provide you with the best value. Our Business Philosophy and personal convictions drive our commitment to excellence. We guarantee that you will be completely satisfied with the quality of our product(s). With an industry low PPM, our products are leak-free guaranteed and our excellent service makes us easy to do business with.

Certified ISO 9001

We are a certified ISO 9001:2008 Registered firm. Our Quality Assurance program is able to provide high quality fittings and service according to ISO 9001 principles. All of the documentation needed to satisfy your quality system requirements is on hand. At your request we will provide a Corrective Action Report and Evaluation. We also have Initial Sample Inspection, In-Process, and Final Inspection Reports.

Quality Assurance Department

We will provide a Certificate of Conformance upon request. We are confident that our Quality Assurance program and personnel will be able to satisfy any quality concerns you or your customers may have. Furthermore, we have established a Performance Team to handle written customer evaluations of our overall performance. This team is ready to respond to customer quality and service issues.
We are an ISO Certified Company

Our Quality is Designed-In

- Design Meets/Exceeds SAE
- Quality Control
- Engineering
- Manufacturing
- Application
- Custom Fitting Design

In-House Engineering & Quality Control

We want to find out what the problem is so that it never repeats.

Corrective Action Report & Evaluation
We are an ISO Certified Company

**Quality Control Snapshot**

<table>
<thead>
<tr>
<th>Equipment/Service</th>
<th>Pressure Connections</th>
<th>ISO Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trained Quality Assurance Personnel</td>
<td>7 Full Time</td>
<td>1 Part Time</td>
</tr>
<tr>
<td>Thread Gauge Dollars</td>
<td>$300,000+</td>
<td>$0</td>
</tr>
<tr>
<td>Thread Gauge Yearly Recertification</td>
<td>$12,000</td>
<td>$0</td>
</tr>
<tr>
<td>Coordinate Measuring Machine (CMM)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Optical Comparator (Shadowgraph)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Rockwell Hardness Tester</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Profilometer (Surface Finish Tester)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Two Pressure Test Stand</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Mandrel Installed O-Rings (Prevents Cutting/Twisting)</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Third Party Salt Spray Testing</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**We can provide you with the certifications you need**

1. Material Certifications
2. RoHS Certifications
3. Plating Certifications
4. Production Part Approval Process (PPAP)
5. Certificate of Conformance
Have you asked your vendor their PPM?

Our Glastonbury Southern Gage Trained, ISO Certified Technicians are Proud of Our PPM

PPM refers to our defective parts per million

Our quality process meticulously checks that the dimensions of our parts conform to our prints
Precisely Measure Dimensions Guaranteeing Leak-Free Performance

Testing & Measurement

How Can an OFS Fitting Leak?
Grooves that are too small or too large don’t apply the correct pressure on the O-Ring to seal properly.

Only a Coordinate Measuring Machine can verify that an OFS groove is manufactured to specifications. We also measure the OFS “dovetail” and standard OFS groove designs.

Pressure Test Stand Verifies Burst Pressure

Rockwell Hardness Tester Derives Tensile Strength
We Use the Best Gauges
in the Industry!

Our gauges are continuously calibrated by Glastonbury Southern Gage.

“"The Corrective Preventative Action plan you’ve set up at Pressure Connections is top notch. It is one of the best I’ve seen."

-ISO Auditor W.J. Davis
of Quality Assurance Systems

Instruments & Gauges

Our products meet or exceed the strictest requirements of SAE
How We Support You

Levels of Support

• Sales Support Management
• Account Management
• Dedicated Customer Service Reps
• Engineering & Technical Support
• Live Person Answering the Phone
• Trained Friendly Customer Support
• Order in Your Part Numbers

Locations in Ohio & Texas
Pressure Connections is more than a parts supplier. One advantage you receive when you purchase all of your hydraulic products from us is having access to our hydraulics team to help you problem solve or simply to run ideas past. We have been solely focused on hydraulics for over 35 years and our team is ready to assist you with any hydraulic questions or challenges you may face.
Hydraulic Hose Fittings

Engineered and Tested
PCC has partnered with Diesse & Semperit to make the perfect match for your hose and fitting solution

K-Series Fittings
Non-skive, bite-to-wire, coldheaded nuts and stems, flat crimp, RoHS compliant
Founded in 1979, DIESE is a family owned company and a globally recognized manufacturer of rubber hydraulic hose for high and very high pressures. The production plant is located in Filago (Bergamo, North of Italy). Committed to market innovation and development, DIESE expanded through constant investments in research, technology and human resources. DIESE has reached an important role in the world of Hydraulics by developing a wide range of hoses suitable for earthmoving, agricultural, heavy industry, deforesting and other market sectors such as the civil, naval, off-shore, and mining industries.

Certified Quality

Diedese Rubber Hoses is a company with Quality System certified by DNV UNI EN ISO 9001/2008
### Hoses

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1SN-HT</td>
<td>DIN EN 857 1SN</td>
</tr>
<tr>
<td>R17</td>
<td>WorkHorse Hose®</td>
</tr>
<tr>
<td>3K-FA</td>
<td></td>
</tr>
<tr>
<td>R17-SHIELD*</td>
<td></td>
</tr>
<tr>
<td>R16-2SC-D</td>
<td>6-IN-1 Hose®</td>
</tr>
<tr>
<td>R16-2SC-D-ARMOR*</td>
<td></td>
</tr>
<tr>
<td>R16-2SC-D-SHIELD*</td>
<td></td>
</tr>
<tr>
<td>2SN-LT</td>
<td>DIN EN 857 2SN</td>
</tr>
<tr>
<td>4K-FA</td>
<td></td>
</tr>
<tr>
<td>5K-FA</td>
<td></td>
</tr>
<tr>
<td>6K-FA</td>
<td></td>
</tr>
<tr>
<td>Custom Hose</td>
<td></td>
</tr>
</tbody>
</table>

Looking for a Specialty Hose?  
We will engineer a hose for your specific application
Semperit Hoses Are On

- John Deere (Agricultural Equipment)
- Palfinger (Mobile Cranes)
- Kubota (Mini Excavator)
- CNH (Agriculture Machines)
- Sandvik (Mining Machines)
- Atlas Copco (Mining Machinery)
- Kärcher (Pressure Washer Machinery)
- Nilfisk (Pressure Washer Machinery)
- Volvo (Construction Equipment)
- Mahindra (Agricultural Equipment)
- BOBCAT (Construction Equipment)
- XCMG (Road Machinery)
- Lingong (Volvo) (Wheel Loader)
- Haitian (Injection Moulding Machines)
- Hangzhou Forklift (Forklift)
- Sany Heavy Industries (Construction Equipment)
- Mining Industry World Wide
- ZMJ, PMJ (Mining Machinery)
Let us Make Your Hose Assemblies

- Save on Waste
- Save on Labor
- Save Money
- Quality Assemblies
- Eliminate System Contamination: Cleaned, Capped, & Shipped
- Hose Information Printed on the Hose*
- Hose Assembly Production in Ohio & Texas

Tube Assembly is also available
**Benefits of Using Kits**

- Streamline The Purchasing Process
- Order One Line Item Instead Of Multiple
- Cut Down Your Purchasing Time
- Organize Your Inventory & Increase Your Control Over It
- Produce Less Paperwork
- Extremely Easy To Install
- Reduce Both Manufacturing Time & Assembly Time
- Kits Created To Meet Your Specific Needs
- **Custom Packaging** Designed To Meet Your Requirements

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**Customize Your Kit**

Decide what goes into your kit based on the needs of your project

**Bagged & Barcoded**

Your kit components are bagged individually by part number

**Boxed & Labeled**

Next, we ship your complete kit to you efficiently packaged to your requirements
Applicable Hose Assemblies will now come with printed information standard.

- Information is printed the length of the hose
  - Hose ID
  - Length
  - Your Part Number
  - Date of Manufacture
  - Other
- Barcode Printing (optional).

Hose Label Printing Requirements

- Each Character is 1/4”.
  - Hose must be long enough to accommodate info
- Braided Hoses 1” ID and smaller
  - Label available upon request*
- Adhesive label for all other hoses
Features

Wide Product Range

- Single Acting
- Telescopic
- Tie-Rod
- Black Standard
- Double Acting
- Welded
- Double Rod End
- Custom Options Available

Industries

- Agriculture
- Construction
- Forestry
- Material Handling
- Oil Field Service
- Waste & Refuse
- Truck & Trailer

The proven quality of our Legend Series hydraulic cylinders will only strengthen our reputation as your A+ vendor. These high-quality cylinders reinforce our “Leak-Free” Quality Satisfaction Guaranteed standard that you have come to know and trust from Pressure Connections. The Legend Series complements our Hose & Hose Fittings, Hose Assemblies, and Adaptor lines so you can have the same confidence that you have experienced all along with us.
Pressure Connections Corp.
Your Quality Connection

Hose & Fittings
Steel
316 Stainless
Brass
QD Couplings
Pneumatics

Valves
Metric & BSP
Live Swivels
Push-To-Connects
Gageports & Test Points
Custom Kits

Cylinders, Pumps & Motors