

Nobody offers more hose and fittings in more variations than Parker. With over 750 end configurations, our yellow zinc-dichromate coated steel and our brass and stainless fittings include: o-ring face seal, flare, straight thread, male pipe and metric designs in both crimp and field-attachable styles. All have been tested and approved to meet stringent worldwide standards such as SAE, ISO, and DIN.

With a wide variety of inner tubes, reinforcement and cover combinations to meet your specific application requirements, our hoses range in size from 1/4" to 3" I.D. and have the same reputation for quality as our fittings do.



## Low Pressure

Pneumatic, specialty, air conditioning, and heavy duty truck/mobile equipment hose make up the bulk of the low pressure market. In addition to diesel engine and return line

hoses, Parker manufactures Push-Lok hoses. They assemble in seconds, without the need for clamps and bands, using Parker 82 Series fittings.



## Medium Pressure

From SAE 100R1 and 100R2 to compact and abrasion-resistant one and two-wire braided hose, Parker offers a high performance product

to meet or exceed your medium pressure needs. Parker's 43 Series fittings provide a broad offering of configurations and connection sizes.



## High Pressure

The combination of Parker's high pressure, spiral-reinforced no-skive hoses, coupled with Monoblok™ one-piece fittings, provides the

utmost in leak protection. Abrasion-resistant covers and high nitrile inner tubes enhance many high pressure hoses in this category.

For a complete review of Parker Rubber Hose Products, please reference Catalog 4400/USA.

[www.parkerhose.com](http://www.parkerhose.com)



## **Straight and Formed Thermoplastic Tubing**

- Fast-Stor<sup>®</sup> hose and fittings
  - Nylon Fast-Stor
  - NoMar Polyurethane Fast-Stor
- Tubing products
  - Polyethylene
  - Nylon
  - Polypropylene
  - Clear vinyl



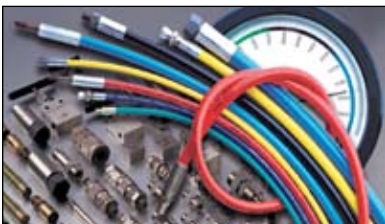
## **Thermoplastic Hydraulic, Pneumatic and Hybrid Hose**

- Low pressure: below 1000 PSI
- Medium pressure: 1000–3000 PSI
- High pressure: above 3000 PSI
- Specialty hose



## **Teflon<sup>®</sup> (PTFE) Hose**

- Stainless steel braid smooth-bore
- Convolute core tube
- High pressure



## **polyflex<sup>®</sup> Hose Products**

- *polyflex* hose and fittings
- High pressure adapters and valves
- Quick couplings
- Accessories/tooling

For a complete review of Parker Thermoplastic Products, please reference Catalog 4660/USA.

[www.parker.com/parflex](http://www.parker.com/parflex)



### Manifolds

- Multiple connections
- Composite body
- Lightweight
- Push-to-connect ports
- Meets D.O.T. specifications



### Hose Barbs

- All brass construction
- SAE straight threads
- Metric threads
- Viton O-ring standard
- Compact forged shapes
- Use with hose clamp



### Ball Valves

- Available in brass, carbon steel, stainless steel
- Sizes from 1/8"-3"
- Pressures from 200 – 6,000 PSI
- Various handle options
- Full flow available
- NPT, SAE straight threads, ISO 6149 ports, BSPP threads



### 45 degree Flare Fittings

- Reusable
- Resist vibration
- Resist mechanical pullout
- Easy to assemble and disassemble
- Extrusions and forgings available



### Pipe Fittings

- SAE standards
- Large range of sizes and styles
- Pre-applied sealant available
- Threads made to dryseal standards
- Extrusions and forgings available



### Vibra-Lok

- Excellent vibration resistance
- Viton sleeve for higher temperatures
- Used with wide range of tubing
- Simple to assemble
- NPTF threads and SAE straight threads standard
- Optional threads available

For a complete review of Parker Brass Products, please reference Catalog 3501-E/USA.

[www.parker.com/brassprod](http://www.parker.com/brassprod)

# Fluid Connectors Quick Couplings



## General Purpose Quick Couplings

General purpose couplings are used across the spectrum of hydraulic and pneumatic applications. They can also be custom engineered for more demanding applications and design challenges.

- Sizes from 1/8" to 2 1/2"
- Brass, steel, stainless steel, plastic
- Pressures to 6000 PSI
- Flows up to 200 GPM
- Temp. range from -40° to +400°F



## Non-Spill Quick Couplings

Non-spill couplings meet today's requirements for more environmentally and user-safe products. They eliminate excess spillage, reducing hazards in the workplace, as well as contamination to the environment.

- Sizes from 1/4" to 2"
- Steel, stainless steel, plastic
- Pressures to 10,000 PSI
- Flows up to 50 GPM
- Temp. range from -40° to +400°F



## Swivels

The S and PS Series swivels are designed to reduce torque and eliminate hose twist, dramatically increasing the service life of hose and fittings. The full flow design minimizes pressure drop for optimum system performance.

- Sizes from 1/4" to 2"
- Steel, stainless steel
- Pressures to 5000 PSI
- Inline and 90° (*PS Series*); 90° (*S Series*)
- Standard zinc with Yellow Chromate plating, nickel plating



## Check Valves

Check valves are available in several configurations, so they can be easily adapted to nearly any hydraulic application. Parker check valves offer several unique features that will ensure years of trouble-free operation.

- Standard inline configuration
- Sizes from 1/4" to 1-1/4"
- Pressures to 5000 PSI
- Crack pressures: 5–200 PSI



## Diagnostic Nipples and Equipment

Parker's complete line of diagnostic equipment can reduce machine downtime during set-ups, trouble shoot problems and provide critical information for preventative maintenance. Diagnostic nipples provide quick access for testing while diagnostic equipment measures system pressure, flow, RPM and temperature.

- Equipment:
- ServiceJunior – measures pressure to 8700 PSI
  - Serviceman – measures pressure, temperature, RPM and flow
  - ServiceMaster – measures and stores pressure, temperature, RPM and flow

For a complete review of Parker Quick Coupling Products, please reference Catalog 3800/USA.

[www.parker.com/quickcouplings](http://www.parker.com/quickcouplings)



## O-Ring Face Seal Fittings

- O-ring seal for leak-free connections up to 9000 PSI
- Adaptable to inch and metric tube and hose assemblies
- Flat face design provides zero tube entry and excellent over torque resistance
- Offered with SAE, NPT, ISO 6149, BSPP and metric port ends
- Meets SAE J1453 and ISO 8434-3



## 37° Flare Fittings

- Metal to metal seal for wide temperature range application
- Adaptable to inch and metric tube and hose assemblies
- Offered with SAE, NPT, ISO 6149, BSPP, BSPT and metric port ends
- Meets SAE J514 and ISO 8434-2



## 24° Flareless Fittings

- Metal to metal seal for wide temperature range application
- Suitable for use with inch tube in wall thicknesses from medium to heavy
- Offered with SAE and NPT port ends
- Meets SAE J514



## Metric 24° Flareless Fittings

- Three pressure ranges for optimum compactness
- For use with metric tube and hose assemblies
- Offered with SAE, NPT, ISO 6149, BSPP, BSPT, metric parallel and tapered port ends
- Meets DIN 2353 and ISO 8434-1



## Pipe Fittings and Adapters

- Metric and BSP conversion adapters
- BSPP 60° cone fittings and adapters
- NPT fittings and adapters
- BSPP 30° flare fittings and adapters
- Metric 30° flare fittings and adapters



## 4-Bolt Flange Connections

- Forged construction for optimal performance
- Available in kit form with mounting hardware
- Flanges offered with female SAE, NPT, BSPP, socket-weld and butt-weld connections
- Flange adapters offered with O-ring face seal, 37° flare and 24° flareless connections
- Meets SAE J518 and ISO 6162

For a complete review of Parker Tube Fittings, please reference Catalog 4300/USA.

[www.parker.com/tfd](http://www.parker.com/tfd)

