



# Fluid Connectors for the Packaging Equipment Market

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## ***More leak-free connections designed to work together.***

When it comes to designing complicated packaging equipment, Parker can provide leak-free solutions that can really simplify things.

Take, for example, our fittings, tubing, hose, ball valves, air coils, quick couplings and accessories. These products are engineered to work together in an efficient system that can streamline packaging operations in a hurry—giving you the leak-free connections you've been looking for. So you can load, feed, form, fill, seal, label, convey, pack and wrap quicker, slicker and smarter.

No matter what your application, Parker products have been designed to offer you a system of reliable connections that works efficiently in a wide range of temperatures and pressures; connections that meet or exceed industry standards, in a variety of materials,



designs, shapes, sizes, covers and capabilities. With the added benefits of single-source availability and support.

For more than 50 years, Parker has been a world class supplier of fluid systems and components. We've built meaningful relationships at both the packaging OEM and aftermarket levels, tailoring our products and our programs to the divergent needs of both audiences.

In fact, no other company can offer you a larger base of qualified distributors and technicians. From fast service via phone or on-site to application-specific prototype development, Parker people are the people to talk to for the answers you need—all over the world.

Parker fluid connectors for the packaging equipment market—we're the one company worth plugging in to.



### Pneumatic Tube Fittings

Low to medium pressure up to 300 psi. Temperature range -20°F to +275°F. Sizes from 1/8" to 5/8", 4mm to 14mm O.D. Products feature push-in, compression and barb connection for a wide range of applications.



### Integrated Pneumatic Fittings

Controls the extension or retraction speed of the cylinder, blocks the movement of the cylinder or enables a gradual increase in pressure to one part of the system. Sizes from 5/32" to 1/2" O.D. tubing and 1/8" to 1/2" NPT threads.



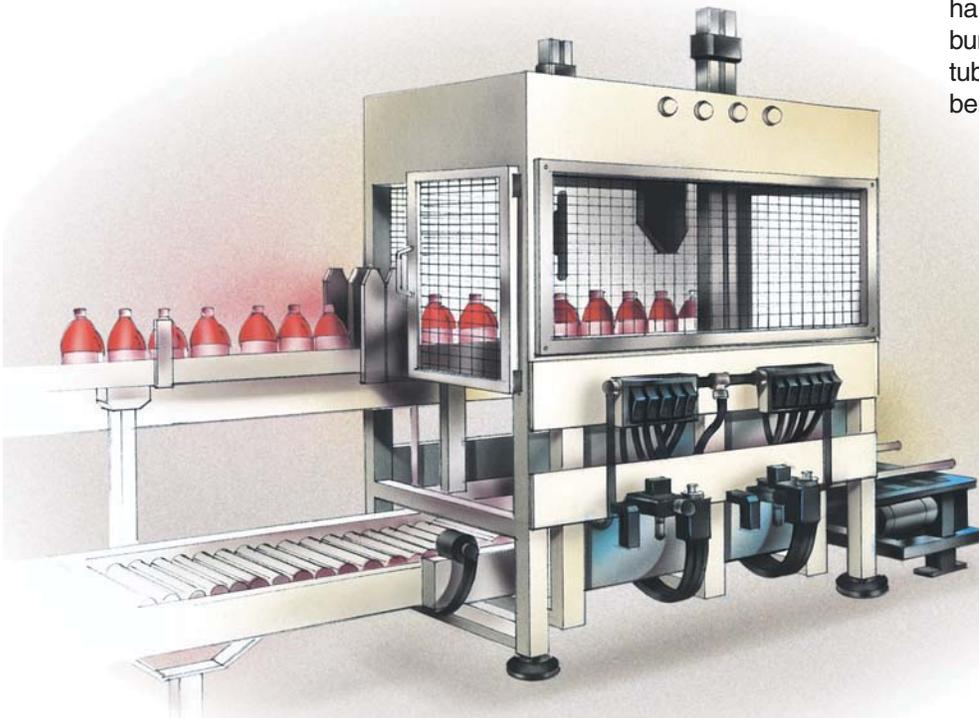
### Pneumatic Tubing

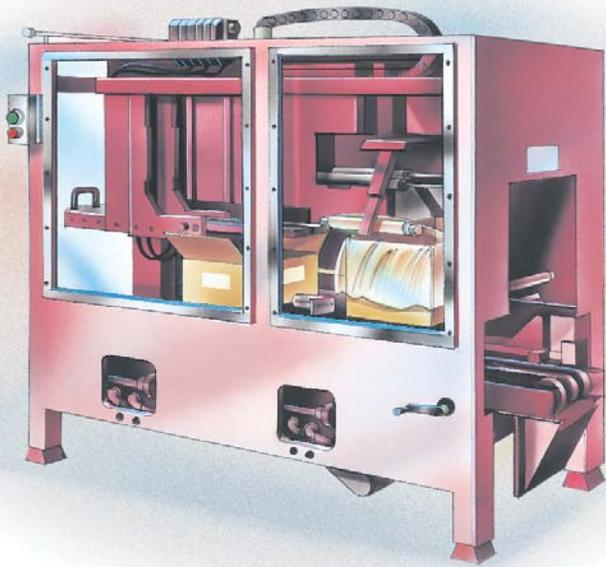
Vacuum to medium pressure up to 625 psi. Temperature range -80°F to +200°F. Sizes from 1/8" to 3/4", 4mm to 12mm O.D. Standard products available in polyethylene, nylon, polypropylene, polyurethane, Teflon® and vinyl, in a variety of colors.



### Tubing Bundles and Harnesses

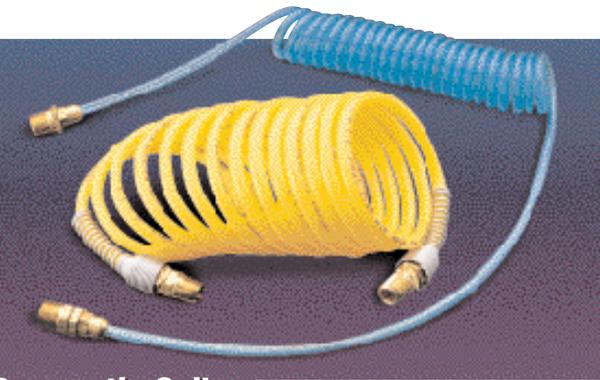
Custom made tubing bundles and pre-molded harnesses available in a wide range of options. Tubing bundles are available with any choice of pneumatic tubing. Pre-molded harnesses feature multiple plane bending for ease of system routing.





**Hydraulic Fittings and Adapters**

Available in NPT, SAE straight thread, BSPP, BSPT and metric. Pressures up to 7200 psi. Temperature range from -425°F to +1200°F. Materials include steel, stainless steel and brass.



**Pneumatic Coils**

Self-retracting air coils offer working pressures up to 70 psi. Sizes from 3/16" to 1/2" I.D. Available in a wide range of working lengths up to 100 ft. Feature long-lasting, abrasion-resistant service for a wide variety of applications.



**Pneumatic Quick Couplings**

Double shut-off, single shut-off, and straight-thru pneumatic quick couplings are available in 1/8" to 3/4" body sizes. Pressure range to 300 psi. Offered in a variety of interchanges and body materials. Exhaust style, thermoplastic and No-Mar couplings are also available.



**Pneumatic/Hydraulic Hose**

Vacuum to 60,000 psi. Sizes from 1/8" to 2" I.D. in both rubber and thermoplastic product offerings. Products provide good flexibility and high abrasion resistance for a variety of pneumatic/hydraulic applications. Material options include rubber, thermoplastic and Teflon®.





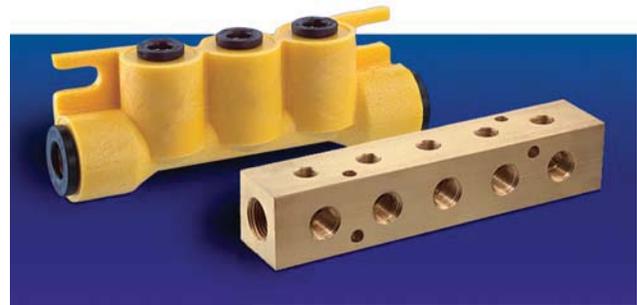
### Ball Valves

Sizes from 1/8" to 2". Pressure range up to 3000 psi. Optimum flow design. Available in brass, stainless steel, carbon steel, and thermoplastic.



### Equipment and Hand Tools

Complete line of tools for bending, flaring, cutting and flanging. For tube sizes from 1/8" to 2" or 4mm to 42mm.



### Manifolds

1/8" to 3/8" NPTF inlet and outlet ports. Pressures up to 1000 psi. Temperature range from -65°F to +250°F. Convenient junction for multi-branch distribution lines.

# Fluid Connectors Group Regional Sales Office & Service Centers

**Your complete source** for quality tube fittings, hose & hose fittings, brass fittings & valves, quick-connect couplings, and assembly tools, locally available from a worldwide network of authorized distributors.

**Fittings & Couplings:** Available in inch and metric sizes covering SAE, BSP, DIN, GAZ, JIS and ISO thread configurations, manufactured from steel, stainless steel, brass, aluminum, nylon and thermoplastic.

**Hose, Tubing and Bundles:** Available in a wide variety of sizes and materials including rubber, wire-reinforced thermoplastic, hybrid and custom compounds.

**Worldwide Availability:** Parker operates Fluid Connectors manufacturing locations and sales offices throughout North America, South America, Europe and Asia-Pacific.

**For information,** contact the nearest Regional Sales Office listed, or call toll-free 1-800-C-PARKER (1-800-272-7537) or e-mail [c-parker@parker.com](mailto:c-parker@parker.com).

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