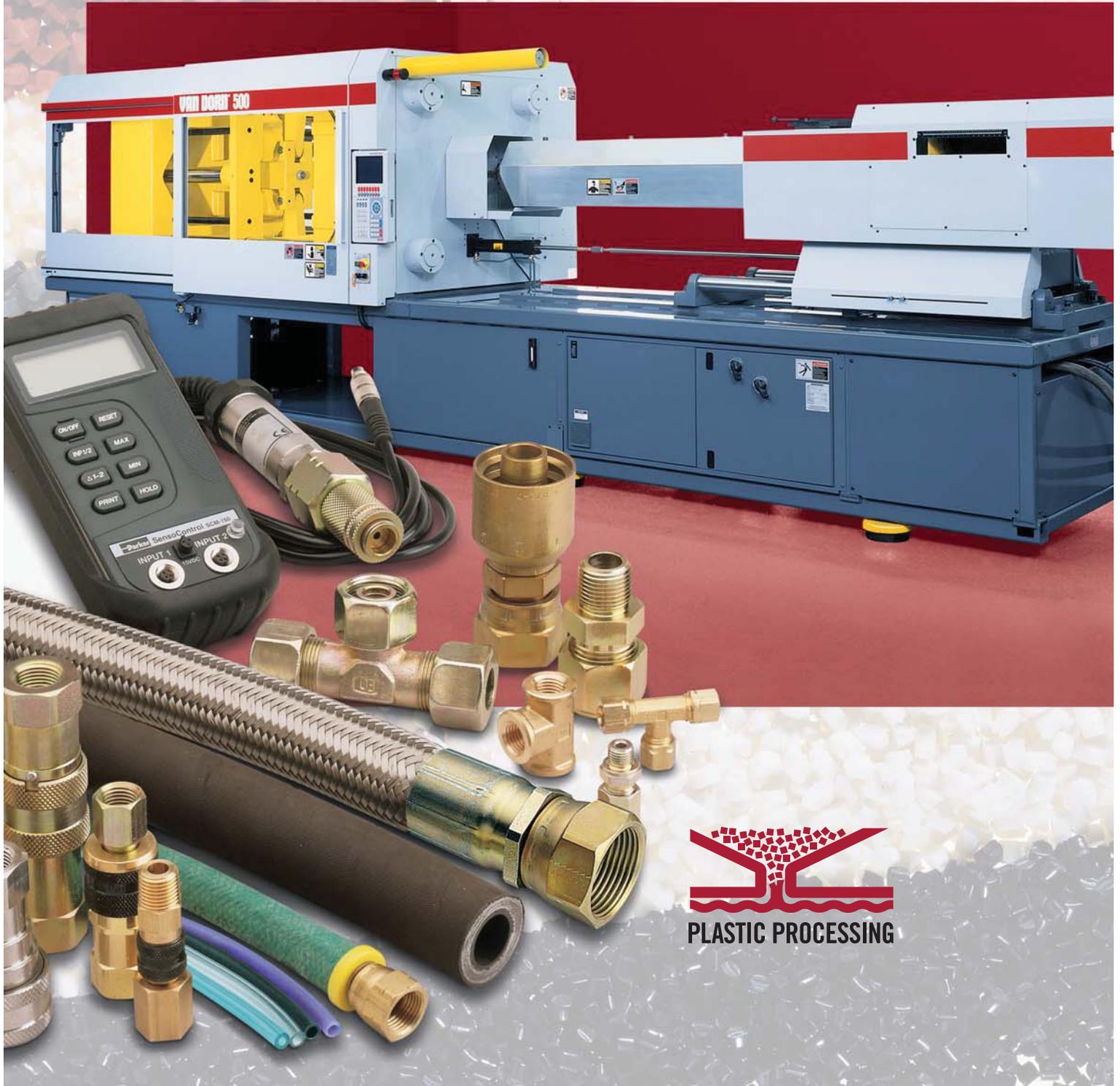




Fluid Connectors for the Plastic Molding and Processing Markets

*Bulletin QRG-Plastic Molding and Processing
April 2005*





**More products and more people,
to give you more help more quickly.**

When it comes to plastics molding and processing, we make customer connections better than anyone by shaping our product lines and services to fit your individual needs.

Parker offers the most complete line of fluid connectors in the industry—products of exceptional quality and reliability that meet or exceed the most rigorous plastic processing requirements. We offer a wide choice of materials, designs, shapes, sizes, hose covers and capabilities for your specific leak-free fluid system performance requirements. From coolant lines and couplings to hose, swivels, and diagnostic systems, Parker delivers—over and over again.

But more parts is only part of what we offer you. The breadth and quality of our product line is equaled only by the integrity, knowledge and accessibility of our distributors. We have more than 2100 distributor locations to offer what you need—a quick fix fast! From on-site repair to the walk-in convenience of our network



of ParkerStores, Parker provides services that save you money without giving up the product quality you rely on.

For more than 50 years, Parker has built meaningful relationships with both processors and end users, tailoring our products and our programs to the divergent needs of both audiences.

In fact, Parker is your link to the industry's largest base of qualified engineers and technicians. Our market-smart designers have been trained to work directly with our customers, investigating problems and customizing products for real world solutions. From fast phone or on-site service—to application-specific prototype development—Parker people are the people to talk to for the answers you need. Our distributor organization gives you a valuable global connection. With representation across the globe we can take care of your problems—wherever they occur.

So hook up with Parker. We have more to offer. And in the long run, that's a very big advantage.



Coolant Line Hose and Tubing

Vacuum to medium pressure rubber and thermoplastic hose and tubing is available up to 625 psi (4.3 MPa). Temperature range from -80°F to +200°F (-62°C to +93°C). Sizes from 1/8" to 1" (3mm to 25mm). Products provide superior flexibility and high abrasion resistance for a variety of pneumatic and coolant line applications. Materials include rubber, polyethylene, polypropylene, polyurethane, Teflon®, nylon and vinyl. Connections can be made with a variety of thermoplastic and brass fittings.



Coolant Couplings

Vacuum to high pressure coolant couplings are available up to 5,500 psi (38 MPa). Sizes from 1/8" to 2 1/2" (3mm to 64mm) in brass, steel, stainless steel and thermoplastics. Temperature range from -90°F to +400°F (-68°C to +204°C). Products are available in all standard industry interchanges and a variety of port options.



Ball Valves and Manifolds

Ball valves and manifolds are available for optimum flow control and multi-branch distribution lines. Ball valves in brass, steel, and stainless steel come in sizes from 1/8" to 2" (3mm to 51mm) and pressures up to 3,000 psi (21 MPa).

Manifold sizes from 1/8" to 3/8" (3mm to 10mm) in pressures up to 1,000 psi (7 MPa). Temperatures from -65°F to +250°F (-54°C to +121°C).



Pneumatic Tube Fittings

Low to medium pressure up to 300 psi (2 MPa). Temperature range -20°F to +275°F (-29°C to +135°C). Sizes from 1/8" to 5/8" (3mm to 16mm) O.D. Products feature push-in, compression and barb connection for a wide range of applications.



Hydraulic and Pneumatic Quick Couplings

Double shut-off, single shut-off, and non-valved quick couplings are available for hydraulic and pneumatic service. Body materials include steel, stainless steel, brass and thermoplastics and are available in sizes from 1/8" to 2 1/2" (3mm to 64mm). Pressure range up to 10,000 psi (69 MPa). All applicable industry interchanges are available including the proposed ISO 16028 standard for non-spill couplings.



Tube Fittings

A wide variety of hydraulic tube fittings are available for all types of plastic processing equipment. Products include medium to high pressure Triple-Lok® 37° flare and Ferulok® bite-type fittings. Sizes range from 3/16" to 2" (5mm to 51mm). Seal-Lok® O-ring face-seal fittings are available in the same size range for more demanding high pressure applications up to 6,000 psi (42 MPa).



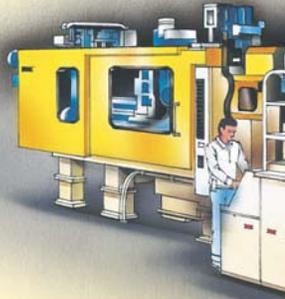
Hydraulic Hose

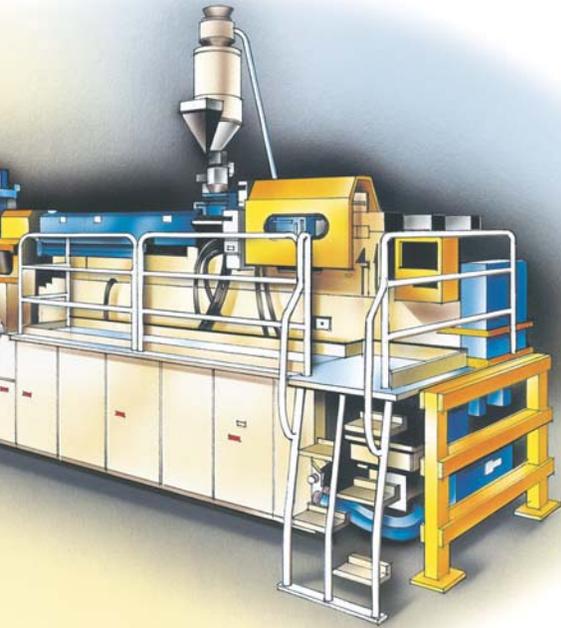
Vacuum to 60,000 psi (414 MPa). Sizes from 1/8" to 2" (3mm to 51mm) I.D. in both rubber and thermoplastic product offerings. Available with braided or spiral reinforcements, in steel or textile materials. Cover materials available that provide excellent resistance to abrasion, temperature extremes, ozone, and chemicals.



Hydraulic Hose Fittings and Adapters

Wide variety of hose fittings and adapters are available, including Triple-Lok® 37° flare, Ferulok® bite-type and Seal-Lok® O-ring face-seal fittings. End configurations are produced to NPTF, JIC, SAE, ISO, DIN, JIS, BSP and other world-class standards. Pressures up to 7,200 psi (50 MPa). Temperatures up to 1,200°F (649°C). Materials include steel, stainless steel and brass.





Parkrimp Equipment

Portable and heavy-duty floor-mounted machines crimp a full spectrum of hose assemblies from 3/16" to 2" (5mm to 51mm), including Parflex thermoplastic and Teflon® hose assemblies. Electric, air/hydraulic or battery-powered units are available.



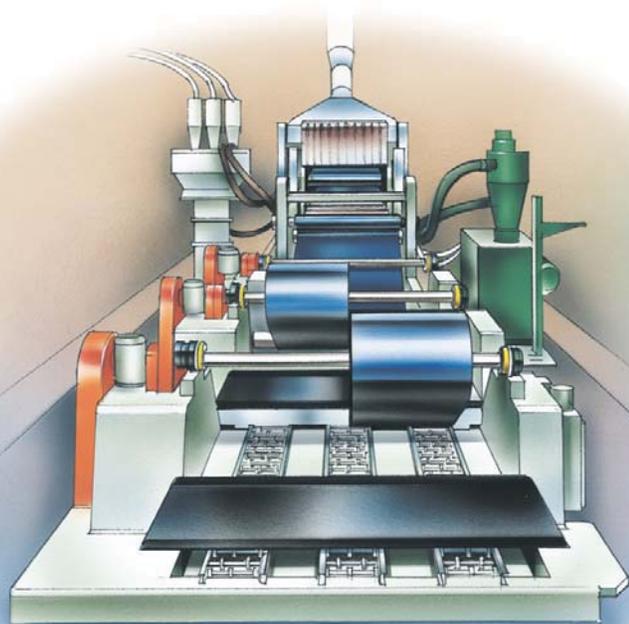
Hydraulic Swivels

A full line of bearing-style and pressure-balanced hydraulic swivels are available from 1/4" to 2" (6mm to 51mm) in pressures up to 5,000 psi (34 MPa). PS Series bearing-style swivels are ideal for dynamic applications where hoses must move with your equipment. Body materials include steel and both 303 and 316 stainless steel. Temperatures range from -40°F to +250°F (-40°C to +121°C). A variety of port options are available in straight and 90-degree configurations.



Hand Tools and Equipment

Complete line of tools for bending, flaring, cutting, flanging and diagnostics. For tube and hose sizes from 1/8" to 2" (3mm to 51mm).



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.

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