

aerospace  
 climate control  
 electromechanical  
 filtration  
**fluid & gas handling**  
 hydraulics  
 pneumatics  
 process control  
 sealing & shielding



# Oil Field Solutions

For Oil and Gas Drilling



ENGINEERING YOUR SUCCESS.

# For Land-Based Drilling Operations, Parker's the In-Depth Advantage.



Parker's world-respected products, vast selection and quick response ensure dependable quality and valuable efficiency throughout your drilling and servicing operations.

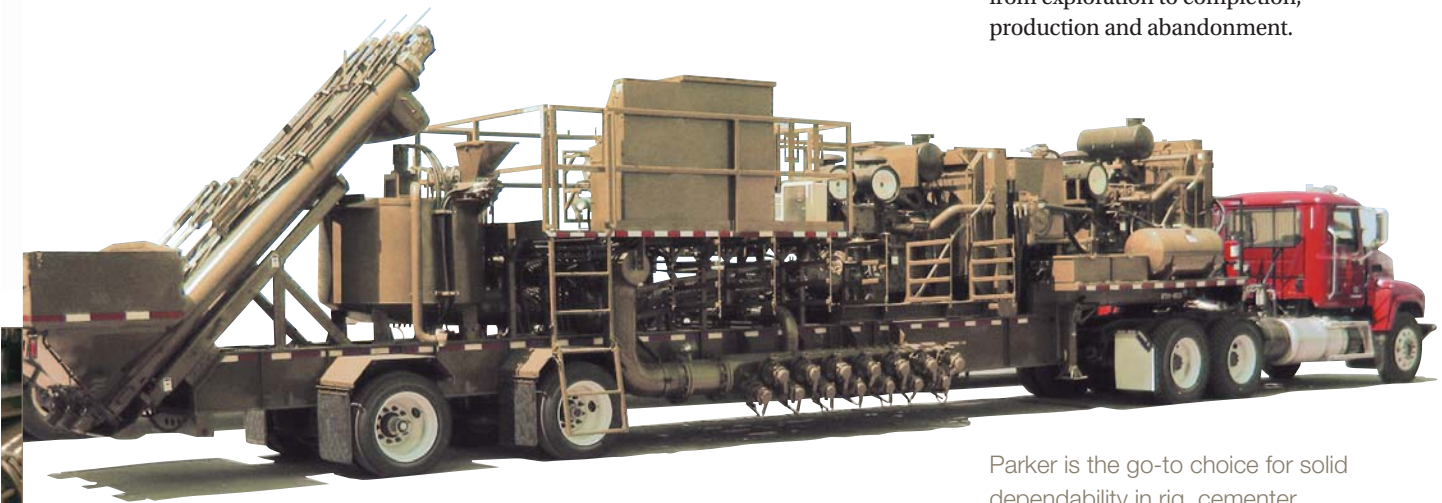
Dependably durable, long-lasting, leak-free hydraulic connections are imperative to today's oil and gas field drilling operations. And as costly as downtime is, any replacement parts must be instantly identifiable and readily available.

To best serve those critical needs, Parker Hannifin, the leader in "dry technology" for the fluid power industry, is your single source for ultra-high-pressure spiral and long-length braided hose, stainless steel fittings, NPT and flange connections, hammer unions, hose-whip restraints, assembly tools and more.

## Look to Parker for Complete Coverage

Parker also offers a broad range of programs designed to reduce operating costs, improve productivity, manage inventory, and address safety and environmental issues. And Parker's nationwide distribution network is available around the clock to provide what you need - from genuine Parker parts to value-added advantages including kitting, systems solutions, technical support, training and stocking product.

Because productive, profitable rig uptime is your continuous goal, one convenient, reliable source is strategically ideal. Keep your equipment up and running with Parker products and services for hydraulic systems in every phase, from exploration to completion, production and abandonment.



Parker is the go-to choice for solid dependability in rig, cementer, hydration unit, chemical truck, blender, sanding and frac truck applications.

# Parker's Dependable, Durable, Long-Lasting, Leak-Free Hydraulic Connections.



**P35**



**P3525**



**P3575**

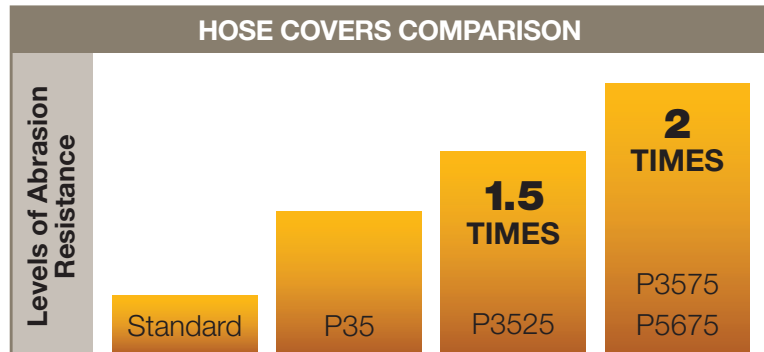


**P5675**

## X Times Tougher!

At Parker, we've served the demanding hose assembly needs of oil and gas drillers for years. So we're well familiar with the severe conditions that today's horizontal drilling equipment and personnel endure. Our durable P35 and P5675 hydraulic hose assemblies connected with hammer unions and API fittings are widely proven in your industry - and they're backed with Parker advantages such as abrasion resistance and long lengths that save you downtime and cost.

Designed specifically for drilling operations, the hoses in the P35 family are long lasting spiral products with three variations of ultimate abrasion resistant covers to service your applications. Quality made in the U.S.A., P35 hoses have the built-in strength of six spiral steel wire reinforcements. Yet, their no-skive fitting design makes assembly quick and easy. Available in pressure ratings from 5000 to 8000 psi, it's the ideal hose for your range of applications.



797TC



787TC



722TC



351ST



351TC



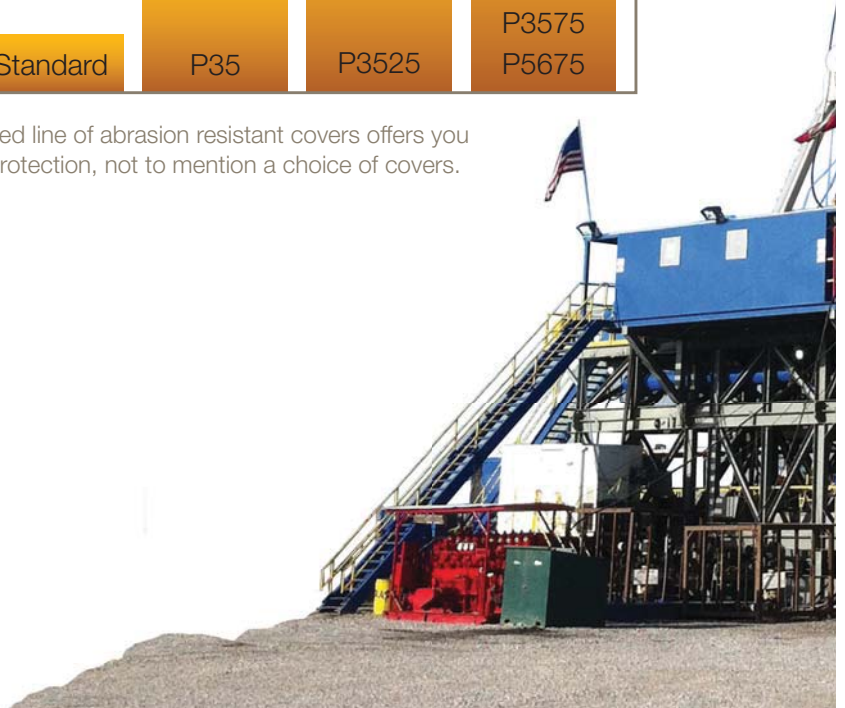
451ST



451TC

These hoses are among the products Parker recommends to cover your oil field needs.

Our expanded line of abrasion resistant covers offers you a world of protection, not to mention a choice of covers.







### Ultra-High-Pressure Spiral Hose

Parker offers several lines of spiral hose in a full range of sizes, with pressure ratings from 4000 to 6000 psi. These include Parker's exclusive Compact Spiral hose that's spiral-strong yet bends like braided, offering remarkable flexibility, a smaller O.D., tighter bend radius and reduced weight. Parker spiral hose is also available in 150-foot continuous lengths.

Compact Spiral is tested to 2,000,000 impulse cycles. This means the higher impulse life increases the hose life in your application, extending the time between replacements.



### Long-Length Braided Hose





Depending on the hose diameter, Parker can produce lengths up to 450-foot continuous, braided hose. These lengths save splicing and installation time, risk and cost in coiled tubing or snubbing units, and they benefit applications involving auxiliary power units that must connect, for example, from rig base to drill mast.

The Parker advantage extends throughout your operations.





**MADE IN THE U.S.A.**  
Serving the World.

 Hose Manufacturing Plant	 Metal Manufacturing Plant	 Hose Assembly Facility	 Parker Service Center
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**Leak-Free Connections**

Parker's the source for leak-free performance in the connections you need – from standard hose ends with NTP threads to API threads and hammer unions. Our flange connections, guaranteed for 5000 to 6000 psi applications, are offered in a variety of configurations including full flange, straights, 45-degree bends, 90-degree bends and other special angles/bends.

**Brute-Strength Unions**

Parker's oil field hammer unions are specifically designed for the rigors of the job. Precision-crafted in the U.S.A., these 4340 hardened steel designs assure quick make-up and breakout, perfect pressure-tight sealing, and extreme durability in the range of sizes and working pressures you need. Count on Parker to bring it all together.



Hammer union  
4340 steel design



# Faster Repair Service at the Shop or Onsite

When a rig system goes down, it can be extremely costly to wait for a replacement hose assembly. Parker offers several solutions to keep your operations running like clockwork.

**The Parker Tracking System® (PTS)** reduces asset downtime by increasing the speed, timing and accuracy of necessary hose assembly replacements. PTS is a unique and valuable service available only to Parker customers. By using the secure web-based application, PTS generates a unique identification code for each hose assembly that is printed on an ultra-durable barcode or RFID label. PTS labels are specifically engineered to withstand harsh chemicals, temperatures, UV exposure and other challenging conditions.

- **Product Identification**  
Receive fast and accurate product identification to speed replacement, regardless of where the original assembly was made



[parker.com/pts](http://parker.com/pts)

- **PTS ID Number**  
Replace hose assembly with only the PTS ID number, eliminating the need to remove hoses prior to replacement
- **Preventative Maintenance**  
Gain critical machine uptime, schedule repairs more conveniently, and take advantage of “call ahead” and “site delivery” options
- **Reporting Tools**  
Gain insight into hose assembly usage and use the tools to assist in continuous improvement/preventative maintenance initiatives

**Parker’s Parkrimp® family of crimpers** enables factory-quality hose assemblies to be made at your site. They also provide the time-saving versatility of being both portable and bench mounted. Either on the truck or in the shop, one Parkrimp crimpers can perform the task of two standard crimpers – helping to reduce your equipment investment.

- **Durability**  
Since they were introduced in 1980, Parkrimp crimpers have been designed and manufactured to provide years of reliable service.

- **Color-Coded Dies**  
Parkrimp dies are color coded by size, making for easy identification and reduced set-up time.
- **Decals**  
Parkrimp crimpers come with an information-rich decal that provides the list of proper hose and fitting combinations, tools required and the crimp specification for each hose and fitting combination.
- **Crimpsource**  
The most complete online resource for Parker crimp specifications, technical manuals, decals and more.







The modular Karrykrimp® and Karrykrimp®2 enable any user to make factory-quality hose assemblies quickly, easily and cost-effectively. These Parkrimp models are designed to crimp fittings to the proper diameter every time, eliminating the need to dial variable settings, and they require no calibration.



When your equipment is down, Parker's mobile service can arrive at your site fast. Our mobile service operates 24 hours a day, seven days a week. Complete with factory trained professionals to troubleshoot your problem.

**Your Parker Network and Distributor** are direct sources for quick turnaround of assemblies, too. In addition, your Parker distributor can:

- **Keep you up and running with hydraulic hose assemblies and many complimentary products to support your operations and decrease your downtime**

- **Provide you with knowledgeable technical support and professional services 24/7/365, all with the convenience and efficiency of a locally based service provider**

Talk with your Parker representative today and see how we can serve, support and help improve your operations with industry-leading efficiency and expertise.

As a Parker customer, you also have access to our mobile HoseDoctors® network of professionals specialized in prompt, highly qualified onsite repair service.



# Get to Know Parker, the Industry Leader.

## TUBE FITTINGS



Parker has pioneered innovative hydraulic technologies and services ranging from smaller threaded hydraulic fittings to complete non-welded piping systems up to 10"/273mm in size.

Our Complete Piping Solutions team offers proven factory and field fabricated piping packages for land based oil & gas applications including drilling, fracking and production.

- Parker's Parflange F37 non-welded piping system is installed clean and remain clean throughout the life of the hydraulic system.
- Parker's CPS engineering staff can provide expert consultation and proposals to match the customer's technical and commercial requirements for hydraulic piping systems.

Parker's threaded mechanically attached fittings offer the following industry driven product innovations:

- Seal-Lok™ O-ring face seal fittings have a Trap-Seal™, ensuring consistently positive retention in the groove
- Seal-Lok™, Triple-Lok®, and Ferulok® fittings incorporate a robust port stud on SAE adjustable port ends for error-proof installation and long-term leak free performance
- All Parker Tube Fitting and adapters provide unrivaled protection against corrosion with our Superior Plating's long lasting resistance to red rust formation

## QUICK COUPLINGS, PRESSURE SENSORS AND DIAGNOSTIC EQUIPMENT

Parker's new FET Series Couplings offer both a non-spill interface and the security of the threaded connection that guards against environmental contamination and accidental disconnection – important advantages in oil and gas applications. With operating pressures up to 6000 psi, increased burst-pressure ratings and superior flow performance, FET Series Couplings also meet the needs of oil and gas applications where larger hose sizes are used. Other quick couplings styles are also available to meet a wide range of requirements.

SCP-EX hydraulic system pressure sensors are designed to perform in severe service environments including explosion risk applications. With measuring ranges up to 9000 psi, the Quick Coupling Division's SCP-EX pressure sensors provide long-term stability and resistance to electrical interference.

The Parker Service Master Plus is a premier diagnostic tool that combines data measurement, display and on-screen analysis of fluid systems. This full-featured instrument further complements the line of SensoControl diagnostic meters including the Parker Service Master Easy and Serviceman.

- FEM & FF quick couplings
- PS & S swivels
- CV & DT check valves



## MAKE FACTORY-QUALITY HOSE ASSEMBLIES AT YOUR SITE

When it comes to blown hose assemblies, no one puts it back together like Parker. We offer a variety of crimping machines, No-Skive hoses, and No-Skive fittings to make field repairs fast. Built to provide years of dependable service, the Parkrimp system produces factory-quality hose assemblies quickly, easily and cost effectively. In fact, it's so easy, anyone can do it!

### Parker Modular Crimper®

- Parker's family of Parkrimp models can crimp straight or bent-stem fittings from 1/4" to 2" in diameter and cover needs ranging from high-volume productivity to portable, on-site assembly.

- The modular Karrykrimp® and Karrykrimp®2 offer all the advantages of Parker's Parkrimp system, which enables any user to make factory-quality hose assemblies quickly, easily and cost-effectively.
- Parkrimp-style crimpers are designed to crimp fittings to the proper diameter every time, eliminating the need for users to dial variable settings that can produce mis-crimps. The units require no calibration and continuously produce proper crimps.

Four Possible Combinations  
(Using Shared Components)



Parkrimp 1 82C-KKB PHastkrimp 85C-KKB Karrykrimp 82C-061L Karrykrimp 2 85C-061L



# Supportive, Innovative and Reliable.

## ONSITE



To minimize the time it takes to get critical spares and fabricate replacement assemblies, Parker's Onsite program delivers a fully customized mobile workspace to your job site. It provides all the technology, equipment and inventory needed to repair or make replacement assemblies and much more, right on site. And that means less downtime for your equipment and crews.

[parker.com/onsite](http://parker.com/onsite)

## HOSE DOCTOR®

Mobile services are on call: Parker's HOSE DOCTOR® network of independently owned service technicians provides replacement hose assemblies wherever their customers need them, with the fastest response times possible. With more than 200 operators in North America, HOSE DOCTOR is an extension of the world-wide Parker distribution network, coupling their service commitment with Parker products – the highest-quality hose and fittings available in the market today.



- Fully stocked with Parker parts and equipment
- On-site replacement hose assemblies
- Replacement fluid connectors

[hosedoctor.com](http://hosedoctor.com)

## PARKERSTORES



With around-the-corner convenience, ParkerStores provide walk-in customers the ability to select from more than 3,000 parts in stock, in all major thread configurations, including metrics, in a retail environment. Whether you need a replacement hose assembly, fittings for an upgrade or advice on how to complete a connection, count on the wide selection and product expertise you'll find at your local ParkerStore. With nearly 500 locations in North America alone, ParkerStores are yet another way to support your operation and keep it running smoothly.

[parkerstore.com](http://parkerstore.com)

## SAFETYWORKS



SafetyWorks is a highly interactive and collaborative training program offered by Parker and our distributors to promote safe practices and operating conditions as they relate to fluid systems.

The program is a series of three modules, each about 20-30 minutes long. They can be delivered within an existing training schedule or used at noontime, when shifts change, or at the beginning or end of the day.

- **Injection Injuries**  
A hydraulic injection injury can appear quite minimal to the unsuspecting examiner. As a result, delays in seeking treatment can occur with potentially devastating results. This module helps people avoid injection injuries and understand the importance of timely treatment should an injury occur.
- **Hose Safety Standards**  
Improper selection or use of hose, tubing, fittings, or related accessories can cause death, personal injury and property damage. This module reinforces proper hose assembly and routing procedures to help prevent premature failure and reduce the risk of such occurrences.
- **S.T.A.M.P.E.D.**  
This systematic method of product selection assists in identifying fluid connectors and conductors for different applications. By learning to make product selection by S.T.A.M.P.E.D. – size, temperature, application, media, pressure, ends and delivery – safe and efficient fluid systems are virtually guaranteed.

The SafetyWorks program is part of Parker's commitment to helping people in all types of jobs learn, understand and follow safe practices. For more program information or to sign up for the modules, contact the SafetyWorks team at [safetyworks@parker.com](mailto:safetyworks@parker.com).

# Parker Fluid Connectors Group

## North American Divisions & Distribution Service Centers

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

### **Fittings:**

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**, call toll free...

**1-800-C-PARKER**  
**(1-800-272-7537)**

### **North American Divisions**

#### **Energy Products Division**

Stafford, TX  
phone 281 566 4500  
fax 281 530 5353

#### **Fluid System Connectors Division**

Otsego, MI  
phone 269 694 9411  
fax 269 694 4614

#### **Hose Products Division**

Wickliffe, OH  
phone 440 943 5700  
fax 440 943 3129

#### **Industrial Hose Division**

Strongsville, OH  
phone 440 268 2120  
fax 440 268 2230

#### **Parflex Division**

Ravenna, OH  
phone 330 296 2871  
fax 330 296 8433

#### **Quick Coupling Division**

Minneapolis, MN  
phone 763 544 7781  
fax 763 544 3418

#### **Tube Fittings Division**

Columbus, OH  
phone 614 279 7070  
fax 614 279 7685

### **Distribution Service Centers**

#### **Buena Park, CA**

phone 714 522 8840  
fax 714 994 1183

#### **Conyers, GA**

phone 770 929 0330  
fax 770 929 0230

#### **Lakeville, MN**

phone 952 469 5000  
fax 952 469 5729

#### **Louisville, KY**

phone 502 937 1322  
fax 502 937 4180

#### **Portland, OR**

phone 503 283 1020  
fax 503 283 2201

#### **Toledo, OH**

phone 419 878 7000  
fax 419 878 7001  
fax 419 878 7420  
(FCG Kit Operations)

#### **Canada**

##### **Grimsby, ONT**

phone 905 945 2274  
fax 905 945 3945  
(Contact Grimsby for other Service Center locations.)



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