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# Fluid Connectors for Commercial and Residential Cleaning

Quick Reference Guide



ENGINEERING YOUR SUCCESS.

# Thermoplastic Fittings and Valves

## Thermoplastic Fittings and Valves



Parker fittings, tubing, hose and valves have been engineered to outperform all others, working together with a systems approach that streamlines development and speeds manufacturing.

Parker is the one choice for your fluid system connectors in commercial and residential cleaning/sanitation. Offering an array of fittings, hoses, and valves, Parker ensures quality merchandise that you can count on. Parker will provide you with their expertise and ingenuity that is sure to keep your business up and running for years to come.



## Fluid Connectors for Commercial and Residential Cleaning



### TrueSeal Ball Valve

Precision-molded from an engineered polymer, these valves provide superior strength and chemical resistance. The EPDM D seal secures the connection with a larger surface area than standard O-rings while the Full Stainless steel gripping ring eliminates the need for locking clips. A full flow, self-cleaning ball raises the bar for quality and durability.



### LIQUIfit Ball Valves

Made of an engineered polymer for superior strength and chemical resistance, LIQUIfit ball valves offer an innovative design for maximum capability and optimum performance. 39 configurations expand application possibilities, while the valve's full-flow self-cleaning ball raises the bar for quality and durability.



### Fast & Tite Fittings

A great solution for water applications, Fittings are FDA and NSF compliant and assembled by hand. Use with nylon, polypropylene, soft metal, and plastic tubing.



### TrueSeal Fittings

Robust push-to-connect fittings ideal for water treatment and harsh chemical environments. Available in acetyl, polypropylene, and Kynar®, TrueSeal fittings are FDA and NSF 51 compliance, NSF 61 in gray acetal.



### LIQUIfit Fittings

Compact, push-to-connect, full flow profile fittings for water applications. LIQUIfit is suitable for water, potable liquids, and neutral gas applications. It offers chemical resistance to such things as chlorine, cleaning solutions, and UV, while limiting biofilm development.



### Par-Barb Fittings

Specifically designed with a four-barb design Par-Barb generates maximum gripping and sealing power when combined with hose clamp. Use with clear vinyl tubing, urethane, and a variety of rubber tubing and hoses. Meets FDA and NSF 51 requirements and are ideal in medical pollution control.



### PPM/PLP Series Couplers

The push-to-connect feature and push-button release provides simple one-handed operation. The couplers and nipples are available with or without valves and can be used in any combination. The light weight thermoplastic material resists dust. Standard seal material is Nitrile.



### PPA Series Couplers

The PPA couplers are push-to-connect and have a plastic latch for push-button release. With a fully plastic exterior and smooth face, they are non-marring to most surfaces. Note: Does not interchange with PPL series



Product Sizes	Temperature	1.8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	1"	1 1/4"	1 1/2"
LIQUIfit	35°F to 200°F	—	—	230	300	190	160	—	—	—	—
TrueSeal	-20°F to 212°F	—	—	300	300	300	250	—	—	—	—
Fast & Tite	0° to 212°F	—	—	300	300	250	200	150	125	125	—
Par-Barb	-40°F TO 300°F	125	125	125	125	125	125	125	125	125	125
TrueSeal Ball Valves	0°F TO 225°F	—	—	150	125	150	—	—	—	—	—
LIQUIfit Ball Valves	0°F TO 225°F	—	—	150	—	150	—	—	—	—	—

# Brass and Custom Fittings and Valves

## Brass and Custom Fittings and Valves

Let Parker create exactly what you need, when you need it. Whether it's a valve, fitting, or hose, we can produce it. In any size, quantity, or configuration and with any connector end. From prototypes, one-of-a-kind pieces, and emergency repair parts; to small or large production runs, our ability to make custom pieces suitable to fit your needs demonstrates the Parker difference.



### Engineering Your Success

- Allows for exposure to a wide variety of chemicals, lubricants, fuels, and gases
- Designed for dynamic, static, and rotary applications
- Vibration and shock
- Withstands pressure up to 2,800 psi
- Temperatures from -65F to 250F

## Fluid Connectors for Commercial and Residential Cleaning

### Compress-Align Fittings

Pre-assembled with a captive sleeve, and always oriented for a faster installation, these fittings align to seal even out-of-round tubing.

### Dubl-Barb Fitting

An economical choice, this push-to-connect brass barb does not require a hose clamp. These compact, one-piece fittings are a quick way to connect polyethylene tubing.

### Pipe Fittings

Brass pipe fittings meet all functional SAE J512 industry requirements, with all threads made to Dressel standards. Most are available in either forgings or extrusions. For use with brass, copper, or iron pipe.

### Ball Valve

Available in brass, stainless steel, carbon steel, and plastic in sizes 1/8" to 3". Included are 90° valves, straight thread O-ring valves, solder ends, panel mount valves, 3-way and 4-way valves, miniature and micro-valves. Options include tee and oval handles, padlocking handles, actuators, and stainless steel componentry.

### Garden Hose Fittings

Connect garden to other garden hose, or to tubing with these solid brass fittings. Hose-end threads are 3/4" garden hose thread. Swivel connections allow hose to be used without kinking. Hose barb ends to be used with 97HC hose clamp or equivalent.

### Hose Barb Fittings

An economical choice for general-purpose fluid handling and pneumatics. Commonly used with water, coolant, and compressed air. Intended for use with rubber hose and a hose clamp.

### Drain Cocks

Economical, high quality brass drain cocks are available with either external or internal seats.

### Ground Plug Shutoff

Ground plug shutoffs are manufactured from castings or forged bodies for extra strength. Available with pipe, flare, and compression ends.

### Metric Adapters

A comprehensive range of adapters for NPT, BSPT, and BSPP threads. Produced in both extrusions and forgings to meet exacting requirements.



### Engineering Your Success

- Designed for dynamic, static, and rotary applications
- Compatible with fast assembly and disassembly of systems
- Controlled pneumatic and fluid installations
- Improving durability, increasing performance and standardizing inventory

Product Sizes	Temperature	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Compress-Align	-65F to 250F	2800	—	1900	1400	1200	1000	750	650	550	450	350
Dubl-Barb	-65F to 90°F	—	150	—	150	—	150	100	—	—	—	—
Hose Barb	-40F to 160F	—	—	150	150	150	150	150	150	150	—	—
Pipe	-65F to 250F	1000	—	—	1000	—	1000	1000	1000	1000	—	—
Garden Hose	35F to 100F	—	—	150	150	—	150	150	150	150	—	—
Metric Adapters	-65F to 250F	1000	—	—	1000	—	1000	1000	—	—	—	—
Ground Plug Shutoff	32F to 125F	30	—	30	—	—	30	—	—	—	—	—
Ball Valves	Dependent upon size and material used.	—	—	—	150	150	150	—	—	—	—	—
Drain Cocks	-65F to 250F	150	—	—	—	—	—	—	—	—	—	—

\* +75F for 1/2"

# Couplings and Hose

## Couplings and Hose



### Parflex Fittings

In addition to Parker's Parflex hoses, Parflex also offers several series of permanent fittings designed to fit your applications and needs such as our CY, 91N, and 55 Series.

### CY Series



### 55 Series



### 91N Series



### Quick Couplings

Quick Couplings allow hoses to be easily connected and disconnected. Whether maintaining equipment, filling/draining fluid tanks, or changing attachments, there is a quick coupling to fit every need. A variety of options include corrosion resistant materials, valved and straight through designs, sleeve locking features, port configurations and seal material options.



### Have a Question?

Parker offers technical assistance, electronic ordering, customer training, and extensive product information, in both print and electronic forms, to help you when you need it.

## Fluid Connectors for Commercial and Residential Cleaning

### Hose

#### 125 Series

The Series 125 Nexbraid circle RPVC hose is a flexible hose designed to handle air, water, and light vacuum. This hose is compliant with NSF 51 and constructed of a braided pattern reinforcement to ensure durability.

Fittings Series:  
Barbed type fittings with clamp

#### 714 Series

This highly durable tubing is resistant to flex fatigue, ozone, UV and water. Nexsyn has excellent resistance to a wide range of chemicals including acids and alkalis. The Nexsyn tubing is 25-35% lighter than PVC and rubber tubing of same dimensions.

Fittings Series:  
Barbed type fittings with clamp

#### GPH Series\*

Series GPH is a versatile, flexible, and lightweight hose designed to handle air, mild chemicals, and water. The hose consists of multiple plies of textile reinforcement that provide strength and flexibility, while shielding it from abrasion, mild chemicals, UV light and weathering.

Fittings Series:  
Barbed type fittings with clamp

#### 540N Series

Excellent in chemical compatibility with a greater range of fluid chemical compatibility, the 540N hose meets and exceeds SAE and MSHA qualifications.

Fittings Series:  
55 Series

#### 1035HT Series

Able to withstand a range of temperature and pressure, the 1035HT is constructed of a non-marring and durable nylon fiber.

Fittings Series:  
55 Series

#### HLB Series

MSHA Accepted, the HLB series can save hundreds of dollars of waste by eliminating gallons of unnecessary in-line grease versus larger bore rubber hoses.

Fittings Series:  
CY Series

#### 563 Series

Industrial medium pressure hydraulic hose for use with petroleum, water base and synthetic hydraulic fluids, gases and some solvents and chemical solutions.

Fittings Series:  
55 Series

#### 919U Series

High Temperature, Non-marring, abrasion resistant polyurethane jacket protects the stainless steel wire reinforcement against wear, fraying and contaminants

Fittings Series:  
91N Series

Parker supplies customers with a variety of hoses and tubing for nearly every application. Whether you are transporting electricity, water, chemicals or gas Parker is built to last even under the most extreme conditions.

Product Spec	1/8"	3/16"	1/4"	5/16"	3/8"	1/2"	5/8"	7/8"	3/4"	1"	1 1/4"	1 1/2"	1 3/4"	2"
540N Series	3000	—	2750	2500	2250	2000	—	—	1250	—	—	—	—	—
1035HT Series	—	2000	1750	1500	—	—	—	—	—	—	—	—	—	—
919U Series	—	3000	—	3000	—	—	1200	1000	—	—	—	—	—	—
HLB Series	—	3000	—	—	—	—	—	—	—	—	—	—	—	—
563 Series	—	—	—	3000	—	3000	—	—	—	—	—	—	—	—
GPH Series	—	300	300	300	300	300	300	—	300	250	—	—	—	—
125 Series	—	300	250	250	225	200	200	—	150	125	100	100	—	75
714 Series	—	40	40	—	35	35	30	—	30	25	—	—	—	—

\*GPH Series comes in blue, red, yellow, black and grey.

# 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

### **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.)

