

Parker *Instrumentation*

Fittings



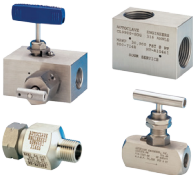
- CPI™ Fittings (Catalog 4230/4233)
- Three piece simple design to work on all instrumentation grade tubing
 - Molybdenum Disulfide coated nuts to prevent galling and provide lubrication
 - Single ferrule system treated with Suparcase™ technology to insure sealing



- A-LOK® Fittings (Catalog 4230/4233)
- Industry standard design for all instrumentation grade tubing
 - Silver coated threads to reduce galling
 - Back ferrule treated with Suparcase™ to provide strong grip on the tube.



- MPI™ Fittings (Catalog 4234)
- Compression fitting for medium pressure applications up to 15,000 psi (1034 bar)
 - Inverted body and nut design for added strength with thick-wall tubing
 - Longer thread area for improved performance and resistance to vibration



- PARKER Autoclave Engineers®
- High pressure cone and thread fittings, tubing, valves and pumps



- Phastite® (Catalog 4235-PH)
- Option for welded systems
 - Simple assembly process provides high integrity connections, first time every time
 - Installation time reduced to seconds

Needle Valves



- V Series (Catalog 4110-NV)
- For positive leak tight shut-off and regulation of fluids
 - Choice of three stem types



- VQ Series (Catalog 4110-NV)
- In-line and angle patterns
 - Panel mountable



- NP6 Series (Catalog 4110-NV)
- Choice of two non-rotating stem types
 - Packing below power threads



- U Series (Catalog 4110-NV)
- Stem packing below the threads isolates the thread lubricant from the flow
 - Severe service applications

Ball/Plug Valves



- B Series (Catalog 4121-BV)
- 2-way, 3-way diverting or spring loaded 3-way selector designs
 - Wide temperature application range -65°F (18°C) to +450°F (232°C)
 - Rated for up to 6000 psi (413.7 bar)



- MB Series (Catalog 4121-MB)
- One piece compact barstock design
 - Center off position for 3-way
 - 2-way, inline, angle; 3-way, 4-way and 5-way



- PR Series (Catalog 4121-BV)
- Low operating torque
 - Optional locking device, downstream vent and metal tee handles



- Pneumatic/Electric Actuators (Catalog 4121-BV)
- 60 Series pneumatic actuators provide 90° and 180° rotation in both double acting and spring return models

Metering Valves



- N Series (Catalog 4170-MV)
- Precision flow capability
 - In-line and angle patterns



- HR Series (Bulletin 4170-MV)
- Bubble tight shut-off capability
 - High 15 turn resolution

Bare Tubing



- Stainless Steel, Copper and All Metals
- Sizes from 1/16" through 2"
 - 20' lengths, cut lengths and coils



- Plastic Tubing
- All materials, sizes, and colors

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Check Valves



- C Series (Catalog 4135-CV)
- Resilient, custom molded, seat design
 - Back stopped poppet to minimize spring stress

Manifold Valves



- PGI Manifolds
- 2-Valve, 3-Valve & 5-Valve manifolds feature the patented PTFE Pressure Core® Stem Seal.
 - Available with bonnet handle lock-out to prevent unauthorized cycling.

Filters



- F Series (Catalog 4135-CV)
- Replaceable sintered 316 stainless steel filter element



- FT Series (Bulletin 4135-CV)
- Filter elements are easily replaced without disconnecting the tube lines
 - Fast Loop bypass option enables a continuous self cleaning flow

Pressure Regulators



- IR4000 Series
(Bulletins 25000226, 25000223, 25000233)
- Internally threadless design
 - Convolute Hastelloy C-22® diaphragm
 - Available in 316L SST, Brass, HastelloyC-22®, Monel®

Flow Meters



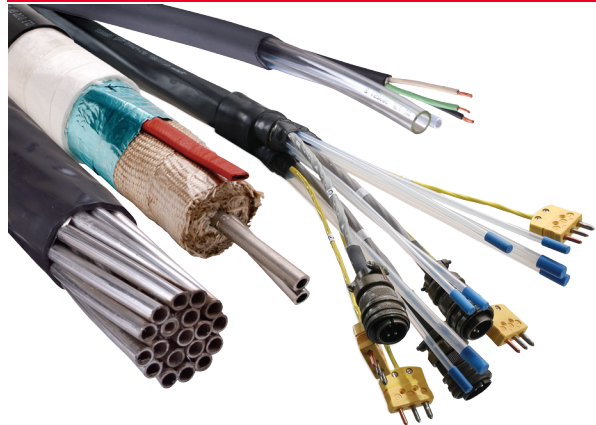
- Metal Tube Variable Area Flowmeters
(Bulletins FM-1158, FM-1161, FM-1162)
- Multiple process connection options including NPT and ANSI flanges
 - Optional inductive slot sensor alarms and 4-20 mA transmitter

Teflon Products



- Tube, Pipe, and Flare Fittings and Valves
- Suited for any ultra-pure or corrosive chemical application
 - Leak-tight, permanent connection ideal for high flow, minimal pressure drop applications.
 - Available in a wide variety of configurations and sizes.

Bundled Tubing



Chemical Processing & Refineries

- Temptube® - Single Tube Insulated
- Steam Trace - HT Series Heavy Trace

Power Generation

- Intermittent and Continuous High Temperature Steam Purge-Freezeprotection

Process Control and Environmental Monitoring System

- Analyzer Bundles
- Probe Support
- Constant Watt - Low Temperature Maintenance
- Constant Watt - High Temperature Maintenance
- Mineral Insulated - High Temperature Maintenance

Industrial Plant - Robotics - Laboratory

- Multiple Plastic Tube Bundles
- Multitube® - Metal