

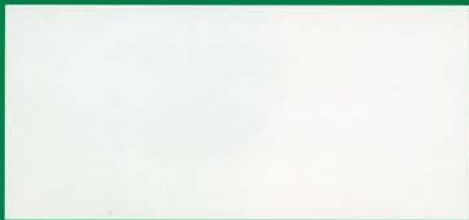


At CPV our goal is to manufacture precision engineered valves and fittings that deliver years of trouble free service and meet our customers' expectations. In addition, we make it fast and easy to specify the precise component needed.

CPV products are based on over 80 years of experience in a wide range of applications and industries. Our sales and engineering professionals make it a point to understand the functional requirements of every installation. Related factors such as flow rates, the gas or liquid medium involved, required pressure and temperature ranges and other critical process requirements are carefully evaluated before cost effective solutions are recommended.

We have always believed in maintaining close interactive relationships with our customers in the field. Over the years, this has led to many practical and useful design refinements. The O-Seal system which combines leakproof reliability with the ease of "slip in - slip out" installation is just one example. Other innovations such as FloMaster™ air operated shutoff valves and Mark VIII shutoff & regulating valves have proven themselves in thousands of critical applications.

Your
assurance
of
reliable
flow
control



CPV...
the single source
for leakproof valves &
fittings to 10,000 psi.

Since 1915, CPV has provided leadership in the development of leakproof valves and fittings for industry. Our leading edge engineering and rigorous quality control assures a level of performance that far exceeds rated specifications. The dependability of

CPV valves and fittings in gas and liquid service around the world is helping companies solve problems and improve efficiency. If you have a question or need a reliable solution for your flow control application, contact our experienced sales engineers.



Since 1915

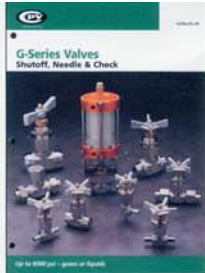
CPV Manufacturing, Inc.
851 Preston Street, Philadelphia, PA 19104-1598
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Website: www.cpvfmfg.com



Since 1915

Leakproof valves
and fittings
to 10,000 psi

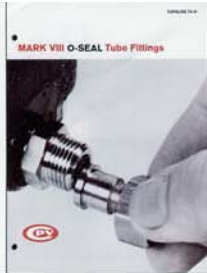
Liquids or Gases.



Catalog 98

G-Series Valves - Shutoff, Needle & Check

Stainless steel G-Series valves were developed in response to the needs of customers in a wide variety of applications. Soft seat design (stem inserts) assures years of bubble tight shutoffs, in either gas or liquid service. G-Series Valves are rated for up to 6000 psi (413 BAR) and will function from -65°F (-54°C) to 400°F (204°C), depending on seal material selected. They are available in six orifice sizes. A variety of different pipe or tube end connections from 1/8" to 1-1/2" are available.



Catalog 74

Mark VIII O-Seal Tube Fittings

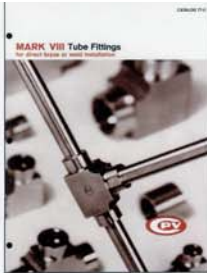
Mark VIII fittings are designed with flat faced union connections which incorporate a resilient O-ring into a close tolerance groove on the body. Low torque of the union nut achieves leakproof reliability to 6000 psi in liquids or gases. Pressure surges make the seal tighter and vibration will not cause the fittings to shake loose. Mark VIII O-Seal fittings are the perfect choice for "dry machine" applications.



Catalog 75

Mark VIII O-Seal Hose Fittings

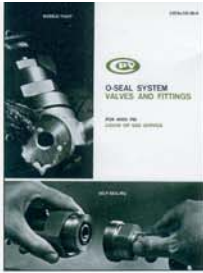
Reusable Mark VIII adapters and connectors enable engineers to include hoses in piping design. These hose fittings make assembly and disassembly fast and easy - no swivel joints required. They offer unlimited adaptability, superior vibration resistance and positive O-ring sealing. Available for use with medium and high pressure hose (SAE 100R5 and 100R2) for hose sizes from 1/4" to 1". Standard material is steel; other materials available.



Catalog 77

Mark VIII Tube Fittings - Direct Braze or Weld Installation

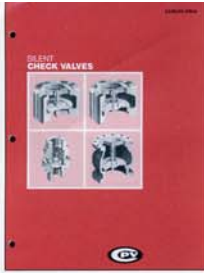
Engineered for applications requiring permanent, hermetically-sealed tube connections. Ideal partner for Mark VIII O-Seal separable tube and hose fittings. Steel or stainless steel construction offers leakproof assurance in pressures from vacuum to 6000 psi. These popular CPV fittings have been designed for direct braze or weld installation and are available in couplings, tees, elbows, and reducers in sizes from 1/4" to 2" OD.



Catalog 68

O-Seal System Valves and Fittings

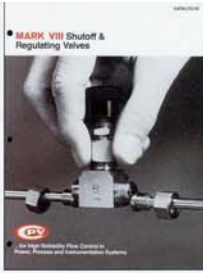
A complete system of valves (**Shutoff, Needle, Check & Relief**) and fittings. The valves are constructed with a soft seat to assure thousands of bubble tight shutoffs for liquids or gases. Maintenance and inspection are simplified because of the valve's cartridge design. Access to all components is "slip in - slip out" because the flat faced union connections are engineered with the unique CPV O-Seal System. The valves are rated for vacuum to 6000 psi at temperatures from -65°F to +400°F, depending on seal material. Available in pipe sizes from 1/8" to 2".



Catalog 80

Silent Check Valves

These unique CPV valves prevent pressure surges and water hammer more effectively than traditional swing check valves. A specially engineered stainless steel helical spring initiates instant closing at zero flow velocity. Swing check valves do not close until reverse flow begins, allowing pressure surges to build. Either a precision machined metal-to-metal seat for general service, or soft seat for bubble tight sealing to 250°F can be specified. Standard sizes range from 1/2" NPT to 24" flanged and pressure ratings from 125 to 1500 psi.



Catalog 82

Mark VIII Stainless Steel Shutoff & Regulating Valves

These soft seated valves feature flat-faced union connections which allow users to slip the valve in or out as needed. Springing or cutting the line is not necessary. All wetted surfaces are 316 stainless steel. Sizes from 1/8" to 5/8" are available in either angle or globe body styles. These valves are rated for operating pressures to 3000 psi and are ideal for instrumentation or process systems. Panel mounting nuts are standard.



Catalog 96

FloMaster™ Air Operated Shutoff Valves

Leakproof reliability is now available for remote control of gases or liquids. FloMaster valves are rated for 6000 psi for temperatures ranging from -20°F to 225°F. Other advantages include low actuation pressure (under 100 psi), large port size for increased flow and proven soft seat design for years of bubble tight shutoffs. The CPV O-Seal System end connections provide leakproof reliability and the ease of "slip in - slip out" installation. Cartridge type valve design makes all parts readily replaceable, including the seat. Your system can be easily set up for remote operation from a console or by computerized controls. The labor savings and improved repeatability generated by this valve control will quickly prove its cost-effectiveness.

