

Vernay SupraValve[®] Series

Advanced Medical Check Valves





Vernay SupraValve® Applications

With over 75 years of expertise, Vernay is the trusted name in fluid control development blending research, quality standards and industry knowledge. Our SupraValve® Series provides reverse leak protection at low-opening pressure in a variety of medical applications.

The ever-evolving medical field demands check valves that are both reliable and built with the utmost precision. We understand this imperative, which is why we developed our SupraValve® range to offer unparalleled reverse leak protection at low-opening pressure.

Our SupraValve® series stems from comprehensive research, collaboration with healthcare professionals, and a keen understanding of industry needs and technological advancement.

Medical Applications:

- Blood handling
- Cardiovascular
- Surgery
- Drug delivery
- Enteral feeding
- Fluid delivery
- Gastrostomy
- Hemodialysis
- IV therapy
- Pharmaceutical
- Urology
- And more...

Sterilization Compatibility:

- Gamma irradiation
- EtO sterilization
- Steam autoclave with exception of the acrylate material version

*Assembly may be steam autoclaved but is not suitable for repeated high-temperature sterilization associated with re-usable devices

SupraValve® Series

Our SupraValve® Series features an array of connector options and diverse housing materials. These check valves are designed for medical applications and feature an elastomeric duckbill made of our proprietary silicone compound selected to meet USP Class VI requirements. These valves feature Vernay's exclusive, patented lubrication treatment which assures reliable valve opening.

	Inlet	Outlet	Material	Color
V130022100	Slip Tube	Slip Tube	Acrylate	Clear
V130022800	Slip Tube	Slip Tube	Polycarbonate	Red
V130023300	Luer Female	Luer Male with Nut	Polycarbonate	Blue
V130023500	Luer Female	Luer Male	Polycarbonate	Blue
V130023800	Slip Tube	Luer Male with Nut	Polycarbonate	Blue
V130024000	Slip Tube	Slip Tube	Polycarbonate	Clear
V130024100	Luer Female	Luer Male with Nut	Polycarbonate	Clear
V130024300	Slip Tube	Slip Tube	Polycarbonate	Blue
V130026400	Luer Male with Nut	Slip Tube	Polycarbonate	Blue
V130026500	Luer Male with Nut	Luer Male	Polycarbonate	Blue
V130031400	Luer Male	Luer Male	Polycarbonate	Blue

Features

Connectors

- Luer lock ISO 80369-7 compliant
- Luer male accommodating 5/32" = 4 mm ID tubes**
- Slip tube accommodating 1/8" = 3.2mm ID tubes

Back Flow Performance

- All Check Valve Assemblies are air tested at assembly for backflow at 20mbar (8" H2O) with an acceptance criteria of 3 ml/minute maximum.

Forward Flow Performance

- All Check Valve Assemblies are air tested at assembly for forward flow at 20mbar (8" H2O)

Quality Certifications

- USP Class VI
- ISO 10993-5
- ISO 80369-7
- Latex- and DEHP-Free
- REACH/RoHS-Compliant

Housing Materials

- Acrylate (PMMA)
- Polycarbonate (PC)

Duckbill Materials

- White Silicone



Products



Did you know...?

The SupraValve® Series has been designed to minimize turbulence, priming and dead volume to support medical procedures. The series ensures consistent fluid flow and low hemolysis, safeguarding the integrity of medical processes.



vernay

flow control solutions



Global Resources

With a global footprint, Vernay is always within reach. Our local approach ensures design expertise tailored to regional needs.



For inquiries, reach out to our sales team at sales@vernay.com.

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About Vernay

Vernay Laboratories has been a technology leader in the design, development and manufacture of customized flow-control components since its founding in 1946. The company also formulates its own compounds to address each specific application.

Vernay's products play a vital role in millions of medical devices, automobiles, and consumer products. Today, Vernay produces more than one billion components per year, drawing from a library of more than 33,000 elastomeric materials and compound formulations. Vernay operates six plants around the world in the U.S., Netherlands, Italy and China. For more information, visit www.vernay.com.

Packaging

All SupraValve® and check valve assemblies are assembled and functionally tested and production quantities are double bag packaged in a class 10,000 particulate-controlled environment. Samples or e-commerce purchases of less than 10,000 pieces are repackaged into smaller lot quantities of single-bagged sets that are not in a particulate-controlled environment.