



SELF-SEALING CHECK VALVES

Our PSSV Series is a new addition to our check valve collection, these valves are used to shut out backflow in liquid and air applications.





PSSV SERIES

Precision-crafted in a Class 7 Cleanroom, our PSSV Series Self-Sealing Check Valves provide superior back-flow prevention for critical air and fluid applications. Designed for medical, respiratory, ventilator, and bio-pharmaceutical environments, these valves ensure high-purity performance and contamination control.

✓ Reliable Back-Flow Prevention

- Innovative retractable silicone disk for secure sealing
- Designed for pressures under 50 PSI, ensuring dependable flow control

✓ High-Quality Materials for Medical-Grade Durability: Polycarbonate & Polypropylene housings

Additional material options: **Radiation-Stable Polycarbonate & PVDF**

- ✓ Versatile Sterilization Compatibility:
 - Gamma Sterilization (6 Mrads)
 - ETO Sterilization for medical-grade cleanliness
- ✓ Customizable Designs for Your Unique Needs:
 - Barbed connectors: Available for 3/16" ID tubing and 5/16"
 ID tubing
 - Optional **EPDM sealing material** with qualifying volumes
 - Expanded connection options: Male & Female Luer fittings and Bond-in connections tailored to volume requirements

Engineered for **precision**, **purity**, **and flexibility**, the **PSSV Series** is the trusted solution for demanding medical and fluid-handling applications.

- Open pressure is approximately .20 PSI
- Flow is 56.29 I/h
- Crack Pressure is .001 PSI

View our Flyer Here

SKU	Description	Diaphragm
PSSV-3B-PP	3/16 inch by 3/16 inch Polypropylene Barbed Self- Sealing Check Valve	Silicone EPDM
PSSV-3B-PC	3/16 inch by 3/16 inch Polycarbonate Barbed Self- Sealing Check Valve	Silicone EPDM
PSSV-5B-PP	5/16 inch by 5/16 inch Polypropylene Barbed Self- Sealing Check Valve	Silicone EPDM
PSSV-5B-PC	5/16 inch by 5/16 inch Polycarbonate Barbed Self- Sealing Check Valve	Silicone EPDM

Self-Sealing Check Valves



SKU	Description	Diaphragm
	5/16 inch by 3/16 inch Polypropylene Barbed Self-	Silicone
	Sealing Check Valve	EPDM
PSSV-5B3B-PC	5/16 inch by 3/16 inch Polycarbonate Barbed Self- Sealing Check Valve	Silicone
	Sealing Check Valve	EPDM