



## SELF-SEALING CHECK VALVES

### **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

Our **PSSV Series, Self-sealing Check Valves**, are made from either Polycarbonate or Polypropylene housings with Barb connector sizes for 3/16 inch ID tubing or 5/16 inch ID tubing. The product is made in a class 7 clean room. The seal is a retractable silicone disk that prevents back-flow in several air and liquid applications making it an ideal option for the Medical Industry for air applications including respiratory, ventilator, bio-pharmaceutical. The product can also be used with fluid applications for the medical devices. Designed for pressures under 50 PSI. All material are compatible with Gamma Sterilization 6 Mrads, and ETO Sterilization.

Additional product materials are Radiation Stable Polycarbonate and PVDF. Optional sealing material is EPDM with qualifying volumes. Additional barb sizes, Male and Female Luer connections and Bond-in connections can be designed and provided with quantity volumes.

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

[View our Flyer Here](#)

SKU	Description
PSSV-3B-P5	3/16 inch by 3/16 inch Polypropylene Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-3B-PC	3/16 inch by 3/16 inch Polycarbonate Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-3B-K	3/16 inch by 3/16 inch Kynar Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B-P5	5/16 inch by 5/16 inch Polypropylene Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B-PC	5/16 inch by 5/16 inch Polycarbonate Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B-K	5/16 inch by 5/16 inch Kynar Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B3B-P5	5/16 inch by 3/16 inch Polypropylene Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B3B-PC	5/16 inch by 3/16 inch Polycarbonate Body Silicone Diaphragm Barbed Self-Sealing Check Valve
PSSV-5B3B-K	5/16 inch by 3/16 inch Kynar Body Silicone Diaphragm Barbed Self-Sealing Check Valve