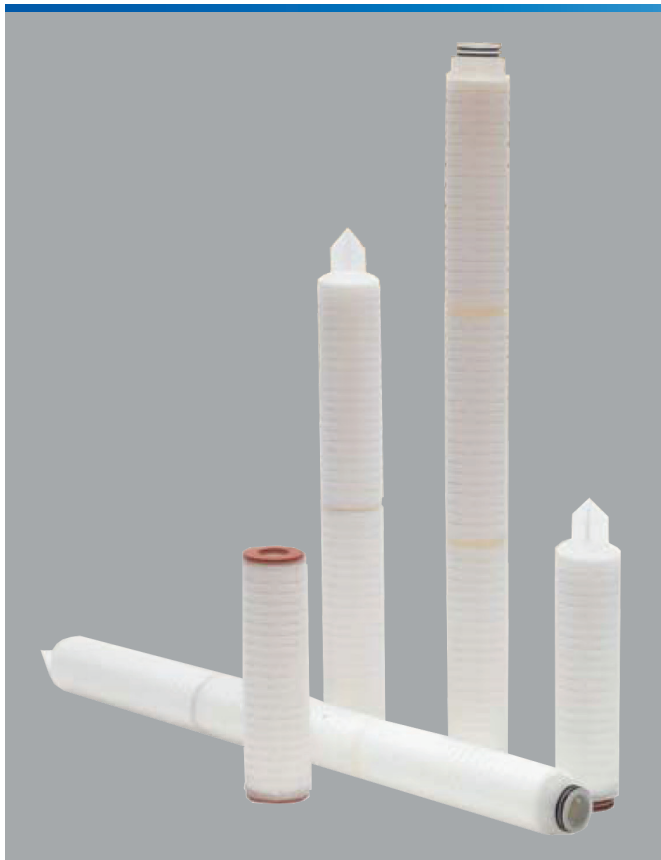


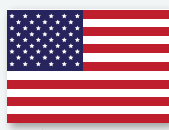
HP-PSV Series

Polysulfone – Vent Grade



Applications

- Tank Ventilation
- Process Gases
- Compressed Air



USA MADE

Commercial / Industrial Filtration Applications

Standard Features

- Manufactured in USA
- Absolute retention ratings at 0.2 micron
- 6.0 sq. ft. (0.56 m²) of media surface area per 10" length for optimal performance
- Highly tapered asymmetric pore structure provides excellent flow rate and dirt-holding capacity
- Cost-effective absolute filtration for vent applications – not integrity tested
- Rigid, molded cage protects pleated media and strengthens structural stability
- Manufactured in state-of-the-art white room for high purity
- Complies with Food and Drug Administration's CFR criteria for food and beverage contact
- Meets USP Class VI Biological Test for plastics
- Available in standard lengths up to 40 inches

Specifications, Operating Parameters and Options

Micron Sizes

0.2

Nominal Lengths

9-3/4" (24.7 cm), 10" (25.4 cm), 20" (50.8 cm), 30" (76.2 cm), and 40" (101.6 cm)

Inside and Outside Diameters

1.0" (2.54 cm) ID, 2.67" (6.78 cm) OD

Media Surface Area

6.0 sq. ft. (0.56 m²) per 10 inches filter length

Maximum Operating Temperature

176°F (80°C) temperature limit

Recommended Change-Out Differential Pressure

35 psid (2.4 bar)

Maximum Differential (Collapse) Pressure

75 psid@70°F (5.2 bar@21°C), 40 psid@176°F (2.8 bar @80°C)

Sanitization and Sterilization

Hot water at 175°F (80°C) at 5 psid for 30 minutes

Inline steam at 257°F (125°C) @ 1 psid (0.7 bar) for 30 minutes

Autoclavable at 257°F (125°C) for 30 minutes

Materials of Construction

Filter media: hydrophobic polysulfone

Outer cage, inner core and end caps: polypropylene

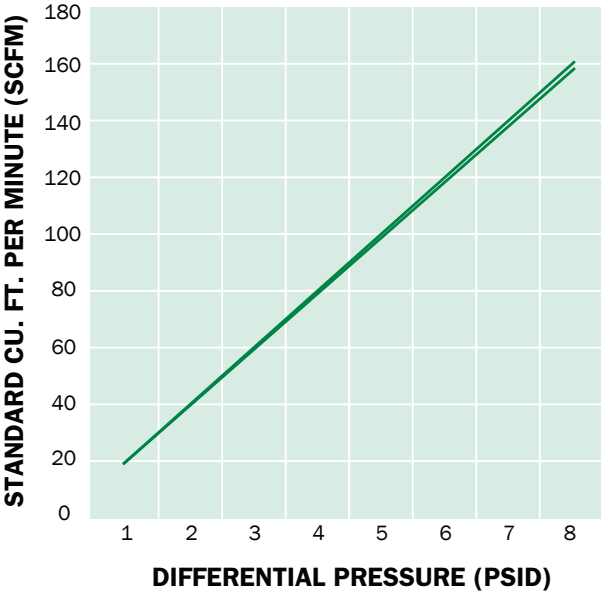
FDA and USP Compliance

All materials comply with the requirements of Food and Drug Administration Title 21 of The Code of Federal Regulations 174.5, 177.1520 and 177.1630. All components meet current USP Class VI biological tests for plastics.

Ordering Guide (Example: HP-PSV-26100-0.2213-T)

| HP | PSV | 26 | 100 | 0.2 | 213 | T |
|---------------------|--------------------------------|----------------------|--|---------------|--|---|
| HIGH PURITY PLEATED | MEDIA | CARTRIDGE DIAMETER | CARTRIDGE LENGTH | MICRON RATING | END CAP | O-RING / GASKETS |
| HP | PSV = Polysulfone - Vent Grade | 26 = 2.67" (6.78 cm) | 097 = 9-3/4" 100 = 10" 200 = 20" 300 = 30" 400 = 40" | 0.2 = 0.2 | Blank = DOE (standard) 213 = 213 internal O-ring 222f = 222/Flat 222n = 222/Fin 222s = 222/Spring 226f = 226/Flat 226n = 226/Fin SOEf = SOE/Flat SOEs = SOE/Spring SOEn = SOE/Fin Z = Custom | E = EPDM B = Buna N S = Silicone V = Viton T = Teflon |

Flow vs. Pressure Drop



**Filter Housings
Selection Guide**
[CLICK HERE](#)

Available End Cap Configurations



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