

VP® SERIES HYDROPHOBIC PTFE VALIDATED MEDIA VENT FILTER CARTRIDGE

- Composed of a pleated, hydrophobic, PTFE, Teflon® membrane rated at 0.2 µm absolute for sterile air filtration, storage tank venting applications
- Filter components meet the criteria of the USP Class VI biological test for plastics
- These filters feature minimal pressure loss, long service life due to high void volume, and can be repeatedly steam sterilized or autoclaved
- Filters are integrity testable and are fully validated by bacterial challenge (HIMA)



CARTRIDGE SPECIFICATIONS

Dimensions	
Diameter (OD)	2.6" (6.6 cm)
Length (in)	10, 20, 30
Materials	
Cartridge	Polypropylene caps, core and cage
Media	Hydrophobic Teflon PTFE
Seals	Silicone o-rings and gaskets
Operating Parameters	
Maximum Temperature	Ambient Air
Maximum Differential Pressure @21°C	72 psi (5.0 bar)
Air Filtration Rating	0.2 µm Absolute
Toxicity	Non-toxic by USP Class VI Biological Test for Plastics
Validation	HIMA bacterial challenge test methods (10 ⁷ organisms/cm ²)
Sanitizing Agents	
Chlorine, hydrogen peroxide, autoclaved for 20 minutes at 121°C under no load conditions.	
Integrity Test	
Pore Size	Minimum Water Bubble Point
0.2 µm	≥ 14 psig (≥ 1.0 bar) 60 IPA/40 water

ORDERING INFORMATION

Catalog Number and Description	
FCVP	Filter Cartridge Vent Polysulfone
X	Cartridge Code: 0 = 2-222 o-rings 5 = 2-222 o-rings w/spear end 7 = 2-226 o-rings w/locking tabs/spear end
XX	Length (in): 10 = 10, 20 = 20, 30 = 30
XX	Micron Rating: S2 = 0.2 µm

To figure your order number, replace the X with one of the numbered or lettered options beside it. Note: Not all part number combinations are available; consult Technical Support for assistance.

NOTE: These filter cartridges should not be used as a combination air vent/water overflow device.

