

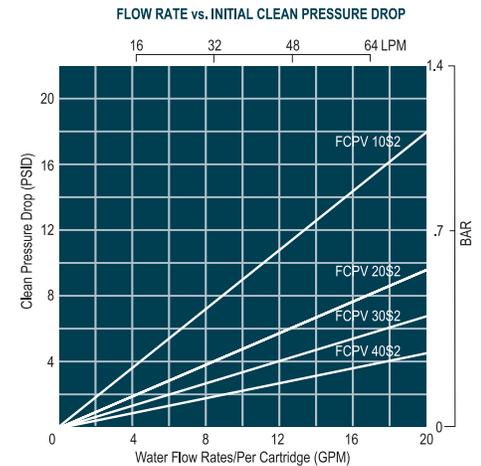
PV® SERIES PLEATED HYDROPHILIC PVDF MEDIA PHARMACEUTICAL GRADE FILTER CARTRIDGE

- Cartridge is a validated, pleated hydrophilic PVDF membrane over a non-woven polypropylene support layer
- Absolute rated at 0.2µ
- Code 0, Code 5, and Code 7 configurations are available in 10, 20, 30, and 40-in lengths that are 100% tested in manufacturing to ensure absolute bacteria retention with typical titre reduction of $>10^7/cm^2$
- Meet current USP Class VI Biological Tests for Plastics, with a validation certificate available to support the bacteria challenge results.
- Contains no surfactants or coatings to interfere with your application, and the thermo-plastic construction process minimizes extractables
- Supported single layer membrane ensures strength, while exhibiting low pressure drop and exceptionally high flow rates
- These validated cartridges can be sterilized by autoclaving



CARTRIDGE SPECIFICATIONS

Dimensions		
Diameter (OD)	2.75" (7.0 cm)	
Length (in)	10, 20, 30, 40	
Materials		
Cartridge	Polypropylene caps, core and cage	
Media	PVDF	
Seals	Silicone o-rings	
Operating Parameters		
Maximum Temperature	170°F (80°C) @ 25 psid (1.7 bar)	
Maximum Differential Pressure @ 25°C	85 psi (5.5 bar)	
Filtration Efficiency	100% Absolute	
Toxicity	Non-toxic by USP Class VI Biological test for plastics	
Validation	HIMA Bacterial challenge test methods (10^7 organisms/cm ²)	
Recommended Water Flow Rates		
0.2 µm	1.0 gpm/10" length (3.8 lpm/10" length)	
Sanitizing Agents		
Chlorine, hydrogen peroxide, autoclaved for 20 minutes at 121°C under no load conditions		
Integrity Test		
Pore Size	Minimum Water Bubble Point	Diffusional Flow (cc/min) @ Test Pressure per 10" length
0.2 µm	≥ 45 psig (≥ 3.1 bar)	≤ 13 @ 40 psig (3.1 bar)



ORDERING INFORMATION

Catalog Number and Description	
FCPV	Filter Cartridge Pharmaceutical/Validated
X	Cartridge Code: 0 = 2-222 o-rings 5 = 2-222 o-rings w/spear end 7 = 2-226 o-rings locking tabs w/spear end
XX	Length (in): 10 = 10, 20 = 20, 30 = 30, 40 = 40
S2	Micro 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.