

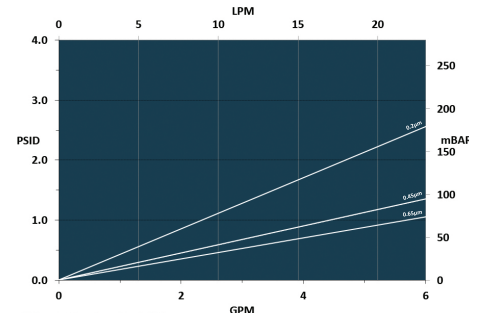
Bio-Reduction Grade Polyethersulfone Membrane Filter Cartridge



- These absolute rated filters offer superior bacteria and particle removal for critical high purity, pre-sterilization or postfiltration applications
- Filters have a single-layer hydrophilic asymmetric PES membrane support media to ensure absolute bacteria retention with typical LRV >8
- Virgin polypropylene construction with fusion welding minimizes extractables
- Cartridges are 100% integrity tested to verify absolute sub-micron particle retention and ship with validation certificate
- Filter components meet USP Class VI Biological Tests for Plastics, ensuring that no surfactants or coatings interfere with the application, making these ideal for use in the food and beverage industry
- Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 2002/72/EC, 1935/2004, and/or 10/2011

CARTRIDGE SPECIFICATIONS

Dimensions		
Diameter (OD)	2.70" (6.86 cm)	
Length (in)	10, 20, 30, 40 (25.4, 50.8, 76.2, 101.6)	
Materials		
Cartridge	Polypropylene caps, core and cage	
Media	Hydrophilic PES	
Seals	Silicone o-rings	
Operating Parameters		
Maximum Temperature	176°F (80°C)	
Maximum Differential Pressure @ 20°C	72 psi (5.0 bar)	
Filtration Rating	100% Absolute	
Sterilization		
Hot water sanitization at 85°-95°C for 30 minutes or steam sanitization at 134°C for 30 minutes; 100 cycles		
Integrity Test / Micron Rating		
Pore Size	Minimum Water Bubble Point @ 23°C	Diffusional Flow (cc/min) @ Test Pressure per 10" length in Water
0.1 µm	≥ 70 psig (≥ 4.8 bar)	≥ 20 @ 56 psig (3.8bar)
0.2 µm	≥ 45 psig (≥ 3.1 bar)	≥ 13.3 @ 40 psig (2.8 bar)



ORDERING INFORMATION

Catalog Number and Description

FCBR	Bio-reduction PES Filter Cartridge
X	Cartridge Code: 0 = 2-222 o-rings 5 = 2-222 o-rings w/spear 7 = 2-226 o-rings w/flocking tabs/spear end F = double open end w/flat gasket seal
XX	Length (in): 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX(X)	Micron Rating: S1 = 0.1 µm, S2 = 0.2 µm

To configure 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.