

UF Series Hollow Fiber Polysulfone Media Filter Cartridge



- Composed of validatable hollow fiber polysulfone media with polypropylene hardware
- These absolute rated filters offer excellent bacteria, particle and pyrogen removal for critical pharmaceutical and life science applications, at economical costs
- Code 0, Code 5, and Code 7 configurations are available in 10, 20, 30 and 40-in lengths
- Meet current USP Class VI biological test for plastics, with a validation certificate available
- Contain no surfactants or coatings to interfere with your application, and thermo-plastic construction process minimizes extractables
- Hollow fiber construction ensures strength, while exhibiting low pressure drop and exceptionally high flow rates
- Multi-tube applications require special housings - contact Technical Support

SPECIFICATIONS

Dimensions

Diameter (OD) 2.9" (7.4 cm)
 Length (in) 10, 20, 30, 40

Materials

Cartridge Polypropylene caps and cage, polyurethane end sealant
 Media Polysulfone fibers
 Seals Silicone o-rings

Operating Parameters

Maximum Temperature 185°F (85°C) @ 10 psid (.7 bar)
 Maximum Differential Pressure 30 psi (2 bar) @ 25°C
 Filtration Rating 100% Absolute
 Toxicity Non-toxic by USP Class VI biological test for plastics
 Validation Diffusive flow test methods

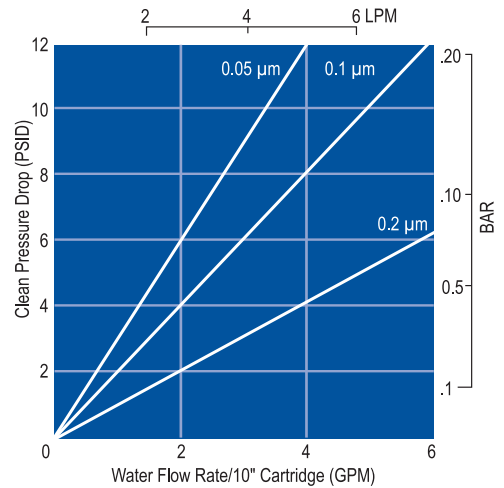
Recommended Water Flow Rates

0.05 micron 2.0 gpm/10" length (7.6 lpm/10" length)
 0.1 and 0.2 micron 3.0 gpm/10" length (11.4 lpm/10" length)

Sanitizing Agents

. Chlorine, hydrogen peroxide, autoclaved for 20 minutes at 121°C under no load conditions

FLOW RATE vs. INITIAL CLEAN PRESSURE DROP



ORDERING INFORMATION

Catalog Number and Description

FCUF	Filter cartridge ultra filter
X	Cartridge Code: 0 = 2-222 o-rings 5 = 2-222 o-rings w/spear end 1 = single open end w/ internal o-ring 7 = 2-226 o-rings w/locking tabs/spear end
XX	Length (in): 10 = 10, 20 = 20, 30 = 30, 40 = 40
XX(X)	Micron Rating: S05 = 0.05 µm, S1 = 0.1 µm, S2 = 0.2 µm

To determine your catalog 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.