

Sediment Pleated Filter Cartrdiges

Fiber Filter Cartridges offer
economical solutions for a variety of requirements
with its excellent filtration efficiency and chemical
compatibility across a wide range of liquid process
applications. The construction utilizes thermal welding
techniques to seal all components and therefore
eliminates extracts and optimizing cartridge integrity.
Featuring excellent retention rate and high surface area,
the filter cartridges are widely recommended for
demanding applications requiring high purity.

- (6) High surface area design provides excellent low capacity and long service life while maintaining maximum iltration performance.
- 6 Broad chemical compatibility for a wide range of liquid process applications.
- 6 Protective net prevents filter from becoming deteriorated. Free of binders, additives and lubricants.
- 6 Constructed by advanced thermal welding techniques to seal all components.
- May be autoclaved (121℃, 30 minutes cycles) or in situ steam sterilized (121℃, 30 minutes cycles) for a maximum accumulated exposure of 10 hours.

Applications

RO/DI Process, Ink, Etchants, Developers, Chemicals, Cosmetics, Medicine Filtration, Process Gases, Food & Beverage

Specifications

Filter Media	Polypropylene				
Micron Rating	0.2, 0.45, 1, 2, 3, 5, 10, 30, 40, 50, 70 μm				
Gasket/O-ring	Silicone, EPDM, Viton, Telon encapsulated Viton				
Core	Polypropylene				
Filter Support	Polypropylene				
End Cap	Polypropylene				
Cage	Polypropylene				
Outside Diameter	2.75"(70mm)				
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Operation Data

Maximum Operating Temperature: 80℃ (176F)

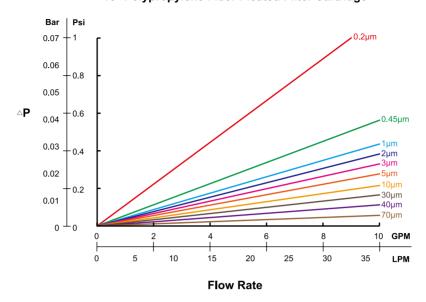
Maximum Differential Pressure : 4.8 bar at 20°C (70 psi at 68°F)

3.4 bar at 50°C (50 psi at 122°F) 1.4 bar at 80°C (20 psi at 176°F)

Recommended Change Out Differential Pressure: 2.4 bar (35 psi)

GDP - PP Fiber Pleated Filter Cartrdiges

10" Polypropylene Fiber Pleated Filter Cartridge



Sterilization

Autoclave or in situ steam : 121°C (250°F) for 30 minutes at 1.0 bar (14 psi)

Ordering Information

Туре	Micron Ratings	Filter Media	Nominal Length (inch)	Gasket/O-ring Option	End Cap Option
GD PP Fiber Pleated Filter Cartridge	02 - 0.2 μm 0H - 0.45μm 1 - 1 μm 2 - 2 μm 3 - 3 μm 5 - 5 μm 10 - 10 μm 30 - 30 μm 40 - 40 μm 70 - 70 μm	P Polypropylene	10 - 10" 20 - 20" 30 - 30" 40 - 40" Other Customized Sizes	S-Silicone E-EPDM V-Viton W-Telon encapsulated Viton	 0:Flat Gasket Double Open End 5:2-222 O-ring with Flat End 6:2-226 O-ring with Flat End 8:2-222 O-ring with Fin 9: 2-226 O-ring with Fin
GD		5 P	10	S	9
PP Fiber Pleated	d Filter Cartridge	5µm PP	10"	Silicone O-rin	ng 2-226 O-ring with Fin