

GDP - PP Fiber Pleated Filter Cartridges

G DP series PP 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 GDP filter cartridges are widely recommended for demanding applications requiring high purity.

- **(5)** High surface area design provides excellent flow capacity and long service life while maintaining maximum filtration performance.
- Stroad chemical compatibility for a wide range of liquid process applications.
- Free of binders, additives and lubricants.
- 6 Constructed by advanced thermal welding techniques to seal all components.
- 6 May be autoclaved (121°C, 30 minutes cycles) or in situ steam sterilized (121°C, 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

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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, Teflon encapsulated Viton					
Core	Polypropylene					
Filter Support	Polypropylene					
End Cap	Polypropylene					
Cage	Polypropylene					
Outside Diameter	2.75"(70mm)					

Operation Data

Maximum Operating Temperature: 80°C (176°F)

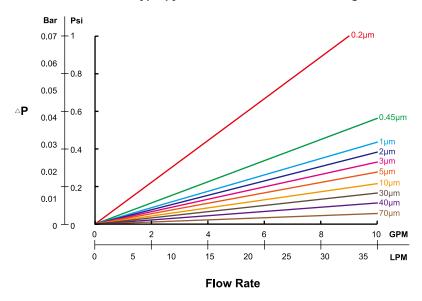
Maximum Differential Pressure : 4.8 bar at 20°C (70 psi at 68°F)

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)

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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

Cartridge Car	Ordering information								
OH = 0.45μm 1 - 1 μm 2 - 2 μm 3 - 3 μm P Polypropylene To - 10 μm 30 - 30 μm 40 - 40 μm 70 - 70 μm To - 10 μm To - 10 μm To - 70 μm To - 70 μm To - 10 μm To - 70 μm To - 10 μm To - 10 μm To - 70 μm	Туре	Micron Ratings	Filter Media			End Cap Option			
	PP Fiber Pleated	0H - 0.45μm 1 - 1 μm 2 - 2 μm 3 - 3 μm 5 - 5 μm 10 - 10 μm 30 - 30 μm 40 - 40 μm	_	20 - 20" 30 - 30" 40 - 40" Other Customized	E-EPDM V-Viton W-Teflon encapsulated				
		•	=	10 10"	S Silicone O-ring	9 2-226 O-ring with Fin			