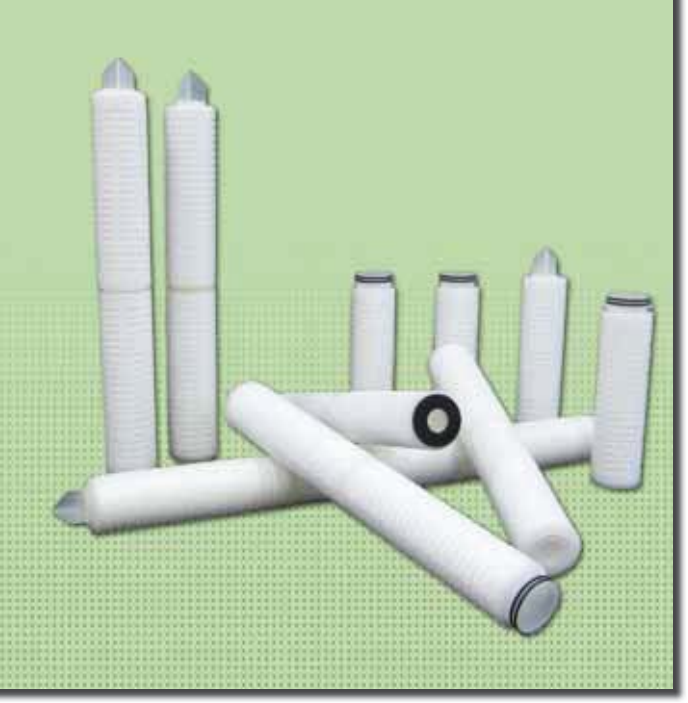


GDP - PP Fiber Pleated Filter Cartrdiges

GDP 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.

- ***High surface area design provides excellent flow capacity and long service life while maintaining maximum filtration performance.***
- ***Broad chemical compatibility for a wide range of liquid process applications.***
- ***Free of binders, additives and lubricants.***
- ***Constructed by advanced thermal welding techniques to seal all components.***
- ***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

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

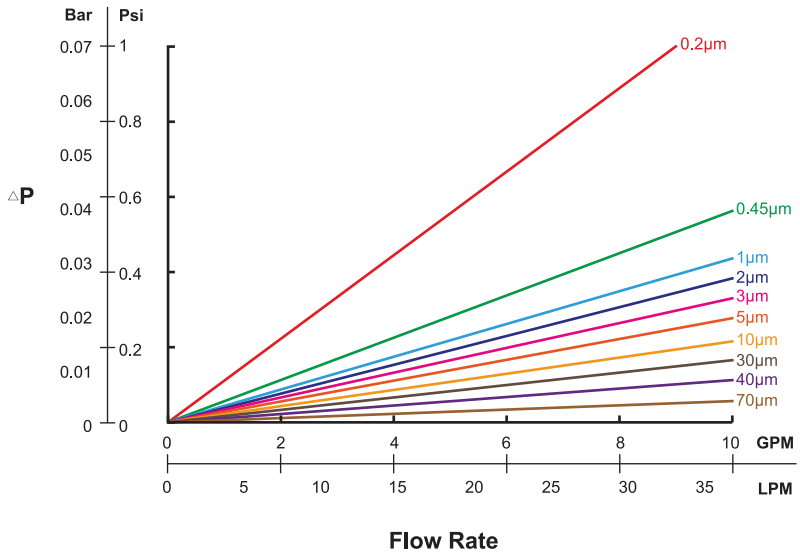
Maximum Operating Temperature : 80°C (176°F)
Maximum Differential Pressure : 4.8 bar at 20°C (70 psi at 68°F)
3.4 bar at 50°C (50 psi at 122°F)
1.4 bar at 80°C (20 psi at 176°F)
Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

For more information:
WEB: FLTR.com.au **PHONE**: (+61) 1300 62 4020 **EMAIL**: info@FLTR.com.au **SKYPE**: Purple.Engineering

FLTR Purple Engineering

GDP - PP Fiber Pleated Filter Cartrdiges

10″ Polypropylene Fiber Pleated Filter Cartridge



Flow Rate

Sterilization

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

Ordering Information

Type	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**-Teflon 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 Filter Cartridge	5µm	PP	10"	Silicone O-ring	2-226 O-ring with Fin

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