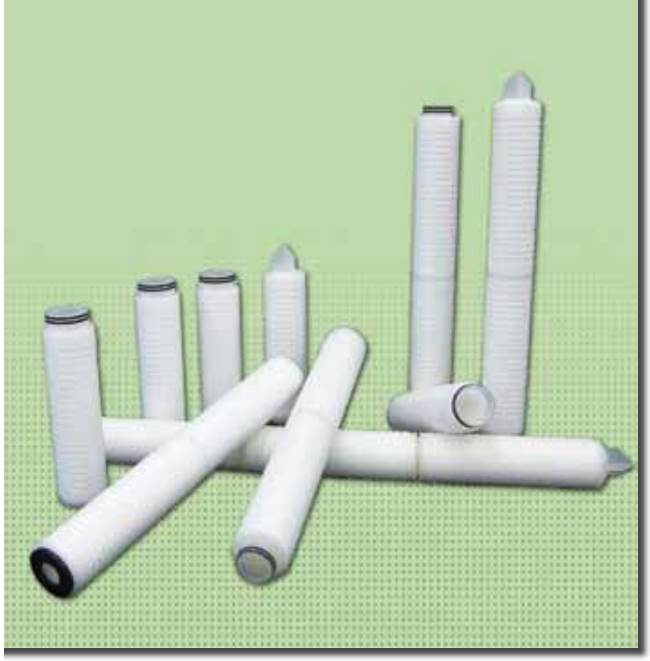


GDF - Hydrophobic PTFE Membrane Pleated Filter Cartrdiges

GDF series PTFE Membrane Filter Cartridges deliver superior removal efficiency by the character of fixed pore construction. The incorporation of hydrophobic PTFE membranes with PP construction serves GDF as economic alternatives to all fluropolymer filter cartridges. Featuring broad chemical compatibility and excellent temperature endurance, GDF are suitable for less aggressive processes and applications requiring high cleanliness.

- ***Economic alternatives to all fluropolymer filter cartridges in less aggressive applications.***
- ***Satisfy various chemical processes by broad chemical compatibility and excellent temperature endurance.***
- ***Provide superior and consistent removal efficiency by the character of fixed pore construction.***
- ***100% integrity tested.***
- ***May be autoclaved (121°C, 30minutes cycles) or in situ steam sterilized (125°C, 30 minutes cycles) for a maximum accumulated exposure of 10 hours.***

Applications

RO/DI Process, Semiconductor, Storage Tank Vents, Solvents, Process Gases, Photoresists, Etchants, Chemicals, Pharmacentical, Food & Beverage

Specifications

Filter Media	Hydrophobic PTFE
Micron Rating	0.05, 0.1, 0.2, 0.45, 1 μm
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Core	Polypropylene/SUS316
Filter Support	Polypropylene
End Cap	Polypropylene
Cage	Polypropylene
Outside Diameter	2.7"(70mm)

Operation Data

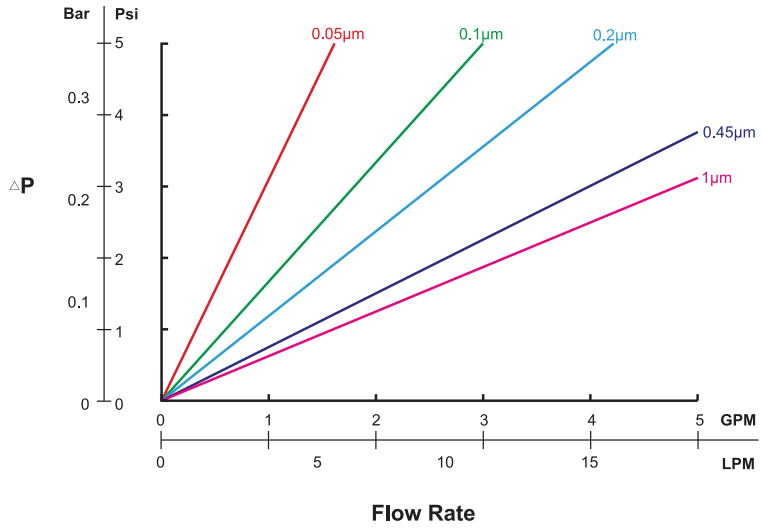
Maximum Operating Temperature : 90°C (194°F)
Maximum Differential Pressure : 4.8 bar at 20°C (70 psi at 68°F)
2.1 bar at 90°C (30 psi at 194°F)
Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

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

FLTR Purple Engineering

GDF - Hydrophobic PTFE Membrane Pleated Filter Cartrdiges

10″ Hydrophobic PTFE Membrane Pleated Filter Cartridge



Flow Rate

Sterilization

Autoclave or in situ steam : 121˚C (250˚F) for 30 minutes at 1.0 bar (4 psi)

Ordering Information

Type	Micron Rating	Filter Media	Nominal Length (inch)	Gasket/O-ring Option	End Cap Option
GD Pleated Membrane Filter Cartridge	**0X5** – 0.05 µm **01** – 0.1 µm **02** – 0.2 µm **0H** – 0.45 µm **1** – 1 µm	**F** Hydrophobic PTFE	**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 Pleated Membrane Filter Cartridge	**02** 0.2µm	**F** Hydrophobic PTFE	**10** 10"	**S** Silicon O-ring	**0** Flat Gasket Double Open End

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