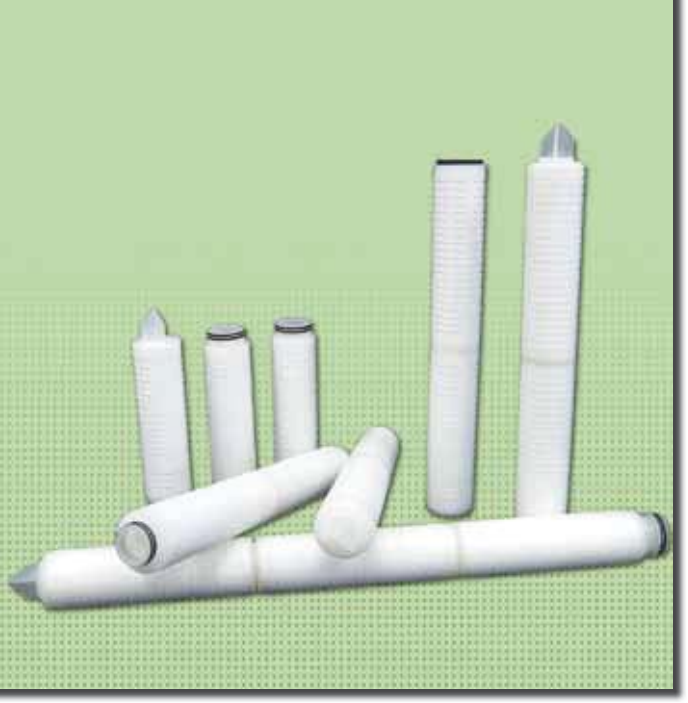


GDV - PVDF Membrane Pleated Filter Cartrdiges

GDV Membrane Pleated Filter Cartridges are constructed of hydrophobic polyvinylidene fluoride (PVDF) membranes with advantage of extremely low protein binding, offering superior bacteria and particle removal efficiency. With a wide range of chemical compatibility, GDV cartridges are ideal for pharmaceutical and biological processes in less aggressive applications.

- ***Extremely low protein binding character offers superior bacteria and particle removal efficiency.***
- ***Economic alternatives to all fluropolymer filter cartridges in less aggressive applications.***
- ***Satisfy various chemical processes by broad chemical compatibility.***
- ***100% integrity tested and testable in situ.***
- ***May be autoclaved (121°C, 30 minutes cycles) or in situ steam sterilized (125°C, 30 minutes cycles) for a maximum accumulated exposure of 10 hours***

Applications

RO/DI Processes, Storage Tank Vents, Process Gases, Solvents, Semiconductor, Food & Beverage, Chemicals, Pharmaceutical, Medicine Filtration

Specifications

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

Operation Data

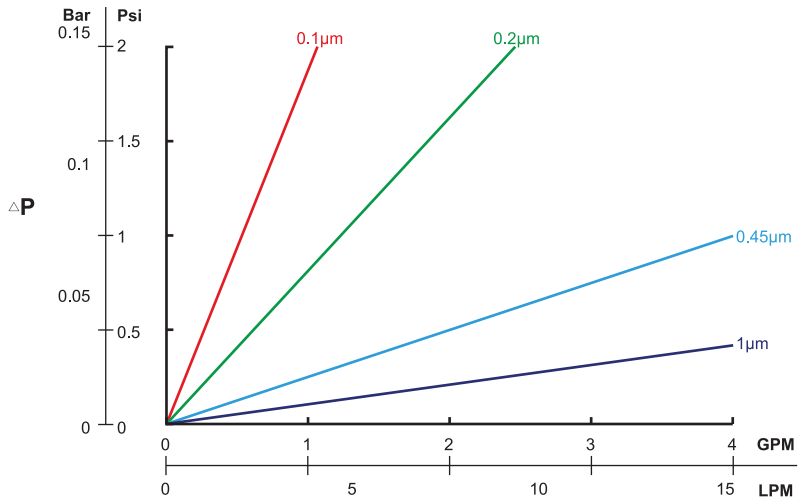
Maximum Operating Temperature : 100°C (212°F)
Maximum Differential Pressure : 4.8 bar at 20°C (70 psi at 68°F)
2.1 bar at 100°C (30 psi at 212°F)
Recommended Change Out Differential Pressure : 2.4 bar (35 psi)

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

FLTR Purple Engineering

GDV - PVDF Membrane Pleated Filter Cartrdiges

10″ PVDF Membrane Pleated Filter Cartridge



Flow Rate

Ordering Information

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

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