

GDV - PVDF Membrane Pleated Filter Cartridges

G DV 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.

- G** *Extremely low protein binding character offers superior bacteria and particle removal efficiency.*
- G** *Economic alternatives to all fluoropolymer filter cartridges in less aggressive applications.*
- G** *Satisfy various chemical processes by broad chemical compatibility.*
- G** *100% integrity tested and testable in situ.*
- G** *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

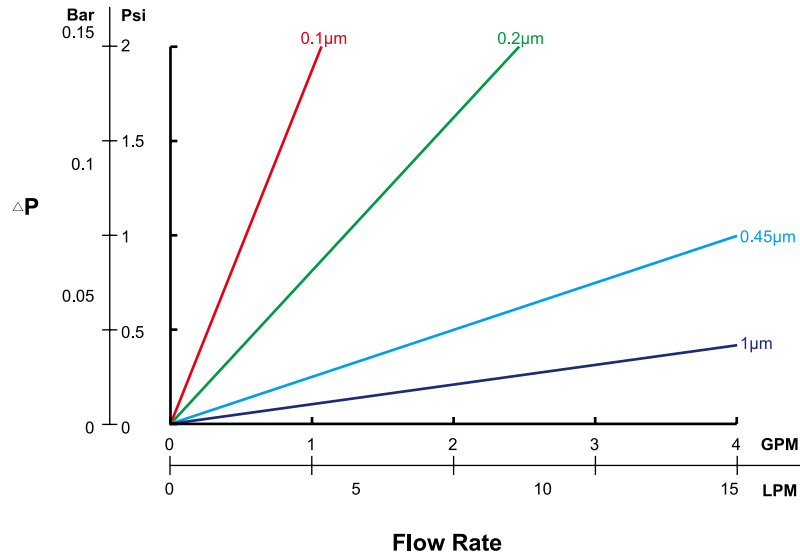
Filter Media	PVDF
Micron Rating	0.1, 0.2, 0.45, 1 µm
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
Core	Polypropylene
Filter Support	Polypropylene
End Cap	Polypropylene
Cage	Polypropylene
Outside Diameter	2.7"(70mm)

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)

GDV - PVDF Membrane Pleated Filter Cartridges

10" PVDF Membrane Pleated Filter Cartridge



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	V PVDF	10 - 10"	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
	02 – 0.2 μm		20 - 20"		
	0H – 0.45 μm		30 - 30"		
	1 – 1 μm		40 - 40"		
			Other Customized Sizes		
GD Pleated Membrane Filter Cartridge	01 0.1 μm	V PVDF	10 10"	S Silicone O-ring	0 Flat Gasket Double Open End