



GFM Series

Glass Fiber Membrane Pleated Filters

Description

GFM Series Glass Fiber Membrane Pleated Cartridge Filters are constructed with borosilicate glass fiber membranes and excellent PP support materials. Glass fiber pleated cartridges provide high and consistent filtration efficiency with a filtration rating range from 0.45 to 50 micron.

At the outset, glass fiber pleated cartridge filters have large surface filtering area, long service life, low initial pressure and wide chemical compatibility. In addition, glass fiber pleated filters are manufactured in advanced dust-free workshop, so they could be widely used in high-purity liquid filtration processing.



Features

- All materials of glass fiber cartridge filters comply with FDA requirements
- Glass fiber pleated cartridges have high efficiency retention ratings from 0.45 to 50 microns
- Glass fiber membrane filters are 100% integrity tested, high pressure & temperature resistant
- Rigid, molded PP cage protects pleated media and strengthens structural stability in whole life span
- Glass fiber pleated filters have surface area designed for maximum throughput and high dirt holding capacity
- Glass fiber pleated cartridges offer wide range of chemical compatibility, long service life and relatively low operation costs

Specification

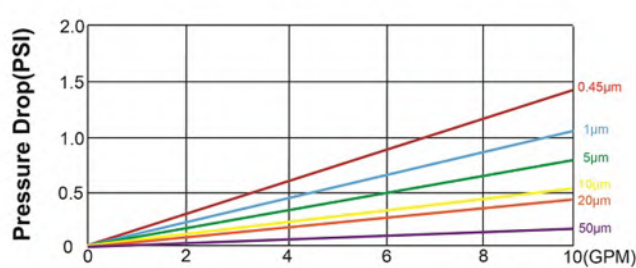
Filter Media	Glass Fiber Membrane
Length	5", 9.75", 9.8", 10", 20", 30", 40"
Outside Diameter	2.75" (70mm)
Filtration Rating	0.45µm, 1µm, 3µm, 5µm, 10µm, 50µm
Core	Polypropylene
Filter Support	Polypropylene
Gasket/O-ring	Silicone, EPDM, Viton, NBR, Teflon encapsulated Viton
End Cap/Cage	Polypropylene
End Cap Type	DOE, 222/Flat, 222/Fin, 226/Flat, 226/Fin, 215/Flat, 215/Fin

Application

- Solvents
- Cosmetics
- Oil Industry
- Semiconductor
- Water Treatment
- Food & Beverage
- DI Water Systems
- Medicinal Filtration
- Chemicals Industry

Operation Data

Max. Operating Temperature	80°C (170°F)
Max. Differential Pressure	5.5 bar at 21°C (80 psi at 70°F) 2.75 bar at 60°C (40 psi at 150°F)
Recommend Change out Differential Pressure	2.4 bar (35 psid)
Sterilization Temperature Time	121°C (250°F) for 30 minutes at 1.0 bar (14 psi), multiple cycles



End Cap Type



Order Information

GFM	Length	Micron Rating	End Cap	Gasket/O-ring
GFM Series Glass Fiber Membrane Pleated Filters	5 = 5"	0.45 = 0.45µm	A = Double Open End (DOE)	S = Silicone
	9.75 = 9.75"	1 = 1µm	B = 222/Flat (SOE)	E = EPDM
	9.8 = 9.8"	3 = 3µm	C = 222/Fin (SOE)	N = NBR
	10 = 10"	5 = 5µm	D = 226/Flat (SOE)	V = Viton
	20 = 20"	10 = 10µm	F = 226/Fin (SOE)	T = Teflon Encapsulated Viton
	30 = 30"	20 = 20µm	G = 215/Flat (SOE)	
	40 = 40"	50 = 50µm	H = 215/Fin (SOE)	

For Example:

GFM-10-5-A-E

GFM Series Glass Fiber Membrane Pleated Cartridge Filters - 10" - 5µm - DOE - EPDM

Customized Sizes of Glass Fiber Membrane Pleated Cartridge Filters can be accepted

