

## Glass Fiber Membrane Pleated Filter Cartridges



### Description

Glass Fiber Membrane Pleated Filter Cartridge is constructed of borosilicate glass fiber membranes media and excellent support material .The filter provide high and consistent filtration efficiency ,remove of particles from 0.45 to 50 micron .High surface filtering area have long service life ,low initial pressure and wide chemical compatibility.

### Feature

- 1, Well chemical compatibility ,apply to filter for acid-base liquid and organic solvents.
- 2, Large flow rate ,high particulate remove efficiency ,long service life
- 3, Pleated construction enlarge the surface filtration area
- 4, High pressure and temperature resistant
- 5, 100% integrity tested

### Applications

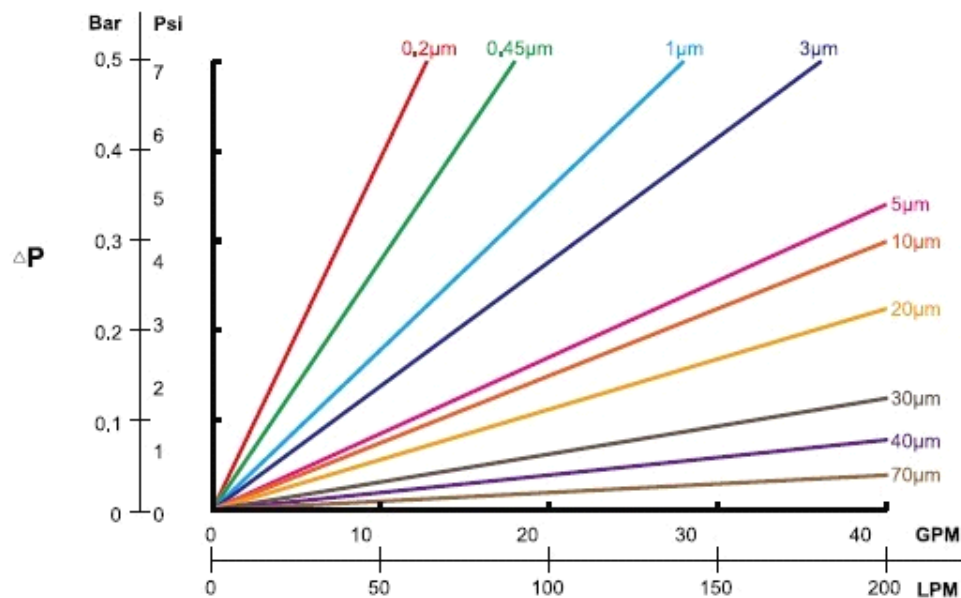
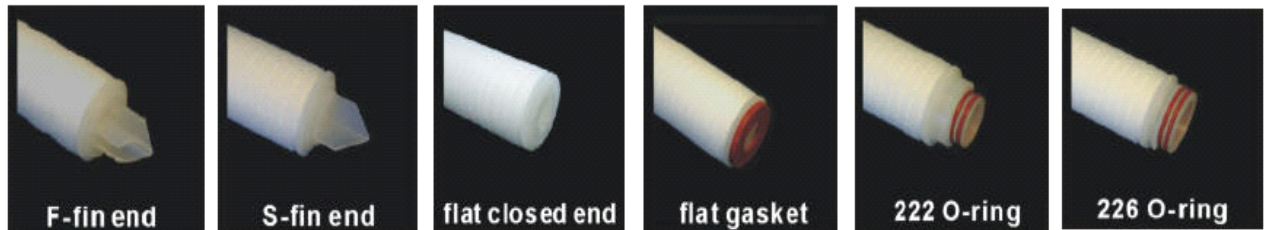
- Oil industry
- Semiconductor
- Chemicals industry
- Medicine Filtration
- Food & Beverage
- Solvents
- Cosmetics
- DI water systems

### Specifications

Filter Media	Glass Fiber
Length	9.75",10",20",30",40"
Micron Rating	0.45,1,3, 5, 10, 20, 50 $\mu\text{m}$
Outside Diameter	2.6"(66mm),2.75"(70mm)
Core	Polypropylene
Filter Support	Polypropylene
Gasket/O-ring	Silicone, EPDM, Viton, Teflon encapsulated Viton
End Cap/Cage	Polypropylene

### Operation Data

Max. Operating Temperature	80°C (170°F)
Max. Differential Pressure	4 bar at 20°C (70 psi at 68°F) 2 bar at 100°C (30 psi at 212°F)
Recommended Change Out Differential Pressure :	2.4 bar (35 psi)
Sterilization Temperature Time	121°C (250°F) for 30 minutes at 1.0 bar (14 psi)



**10" Glass Fiber Membrane Pleated Filter Cartridge Flow Rate**

## Order Information

HTPTFEM	Micron Ratings	Filter Media	Length	Gasket/O-ring	End Cap
Hongtek Glass Fiber Membrane Pleated Filter Cartridges	0.45:0.45µm	G: Glass Fiber	9.75:9.75"	S-Silicone	A:Flat Gasket Double Open End
	1:1µm		10:10"	E-EPDM	B:2-222 O-ring with Flat End
	5:5µm		20:20"	N:NBR	C:2-226 O-ring with Flat End
	10:10µm		30:30"	V-Viton	D:2-222 O-ring with Fin
	20:20 µm		40:40"	T-Teflon Encapsulated Viton	E: 2-226 O-ring with Fin
	50:50µm	Other Customized Sizes			

For Example:

HTGFM-1-G-10-S-A

Hongtek Glass Fiber Membrane Pleated Filter ,Rating:1µm ,Filter Media:Glass Fiber,  
Length:10",Gasket/O-ring:Silicone, End Cap:Flat Gasket Double Open End

## Packing Reference

Long size	Pcs/ctn	G.W/ctn(kg)	Size/ctn (cm)
10"	24	8	68 * 35 * 28
20"	24	16	63 * 35 * 52
30"	12	12	89 * 35 * 28
40"	12	16	112 * 35 * 26

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