

MEMBRANE FILTER

HPTEF (PTFE)

HPTEF cartridge filter is membrane cartridge combines the chemical and thermal resistance of PTFE with a microstructure of billions of interconnected continuous fibrils.

The unique properties of expanded PTFE (ePTFE) make it your ideal choice for broad range of liquid and air filtration application.

Features

- Excellent retention of very small particles
- Bacteria retention (in specific pore sizes)
- High flow rate to retention relationship
- Available in a wide range of absolute pore size
- High voids volume PTFE mebrane
- All components are thermally bonded
- Unique pre-filter layer
- Low extractable
- 100 percent integrity tested



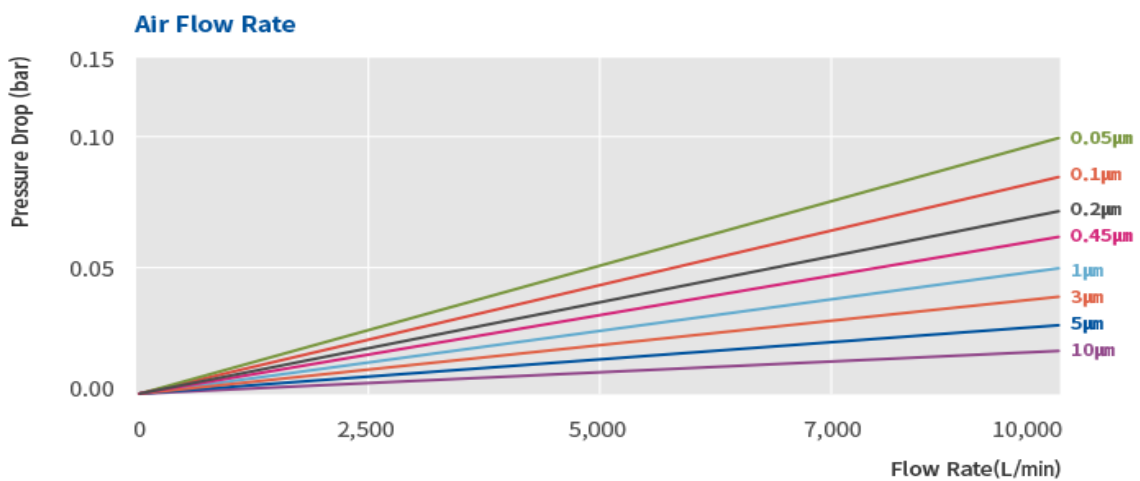
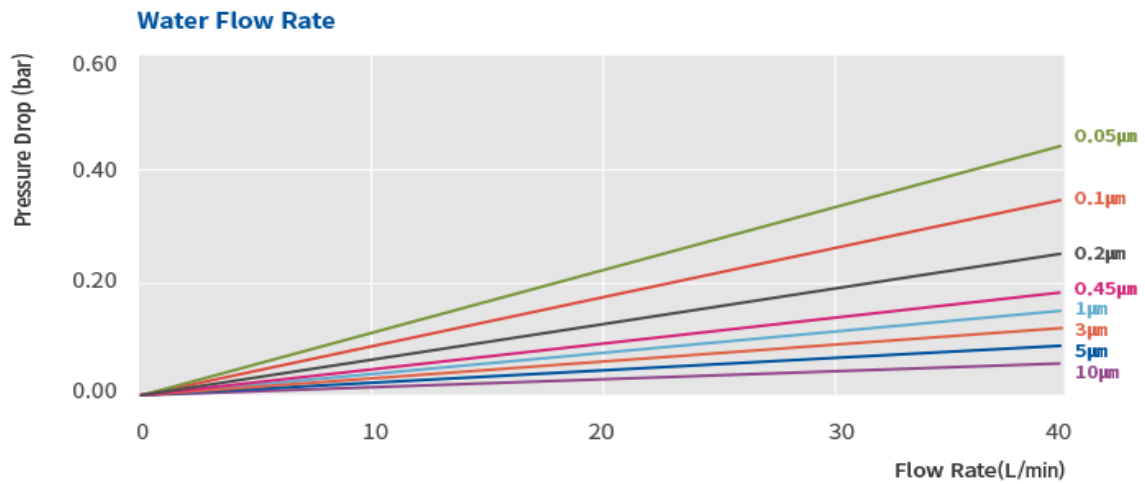
Applications

- Concentrated acids and bases
- Poto resists
- Serile tank venting
- Fermentation air applications
- Etchants
- Bulk chemicals

Specification

Dimension & Structure	OD	63.5 / 68 mm
	ID	30 mm
	Length	250mm(10") / 500mm(20") / 750mm(30") / 1,000mm(40")
Materials of Construction	Media	PTFE Membrane / Support Media(Polypropylene)
	Inner core	PP / Reinforced P.P / High Density P.E
	O-Ring&Gasket	Silicone / EPR / Viton / FEP
	Type	DOE / 226 Flat / 222 Flat / 226 Fin / 222 Fin / EO
Operating Conditions	Max. differential pressure	65PSI / 4.5bar 60°C
	Max.operating temperature	80°C

Pressure Drop (Flow Rate) - 10 inch (250mm) Cartridge



Ordering Information

HPTEF - [] - [] - []

Code-Size	
210	2.5" x 10"
220	2.5" x 20"
230	2.5" x 30"
240	2.5" x 40"

Code-Micron	
001	0.1
002	0.2
004	0.45
006	0.6
010	1
030	3
100	10

Code-Media	
01	PTFE