

IN-LINE FILTER CARTRIDGE MEMBRANES

ADVANTAGES

- Suitable for removing the bacteria in gas and air
- Certified membrane with filtration efficiency >99.99%
- Minimum pore size is 0.2 μm , suitable for critical gas filtration
- Free of surfactants, resins, binders and adhesives
- Individually packaged in heat-sealed bags

MATERIALS OF CONSTRUCTION

Filter Media:	PTFE Membrane
Support Layers:	Polypropylene
Inner core:	Polypropylene
Outer Support:	Polypropylene
Adapter:	Polypropylene



SPECIFICATIONS

Outer Diameter:	2.75"
Inner Diameter:	1.30"
Length*:	5" , 10" , 20" , 30" , 40"
Adapters:	DOE, Code 3, Code 7, Code 6, Code 8, Code 28

* Length is based on DOE Adapter

TECHNICAL INFORMATION

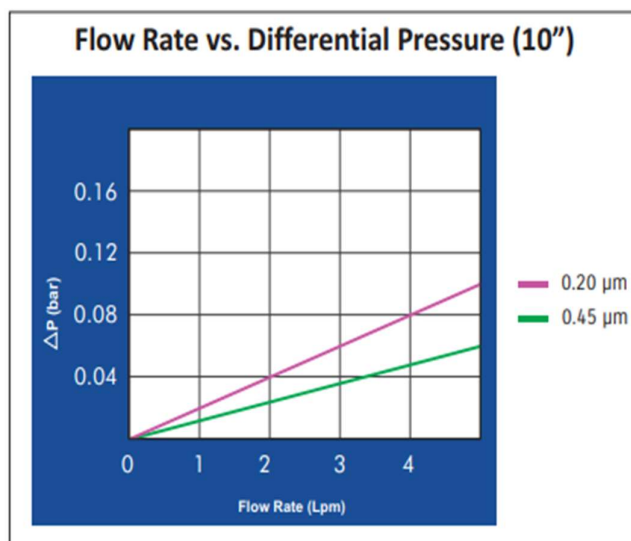
Normal Operating Temperature:	Up to 65 °C
Max. Operating Temperature & Max. Differential Pressure:	90 °C @ $\Delta P \leq 1.0$ bar
Normal Flow direction:	4.2 bar @ 25 °C
Reverse Flow direction:	2.1 bar @ 25 °C
pH Value Compatibility:	1-14
Sterilization:	Steam Sterilization for 30 min @ 135 °C
Cumulative Time:	50 h

APPLICATIONS

Fermentation air, tank vent, compressed air, sterile process gases, ultrafine particles in air

FILTER GRADES

Membranes	Grade	TYPE	LENGTH	Min. Micron
PP	SFCD7-PP	CODE 7	10'', 20'', 30'' 40''	0.2
PTFE	SFCD7-PTFE	CODE 7	10'', 20'', 30'' 40''	0.2
PBT	SFCD7-PBT	CODE 7	10'', 20'', 30'' 40''	0.2
PES	SFCD7-PES	CODE 7	10'', 20'', 30'' 40''	0.2



Liquid Retention Ratings Test (µm)		
Cartridge Code	≥99.9% (Beta Ratio: 1,000)	Bubble Point
PMH02	0.2	≥0.9 bar
PMH045	0.45	≥0.4 bar

Test Liquid: 70%/30% IPA/water @ 23 °C