

Memflo Polytetrafluoroethylene Filter Cartridges


**MEMSEP
FILTRATION**

Memflo, PTFE filter cartridges, are constructed from a PTFE membrane and Polypropylene core, outer cage and big bore inner dia. end caps which provide excellent flow rates, long service life and minimal extractable. The materials of construction give Memflo filter cartridges superior chemical compatibility and oxidation resistance suitable for Sterile filtration of aggressive solutions such as acids, bases and oxidizable solvents. Memflo filter cartridges are also compatible with high temperature and oxidizable gases, vent etc.



Materials of Construction

All materials are FDA CFR Title 21 and USP VI approved. The cartridge meet EC10/2011

Features and Benefits

- PTFE membrane with Polypropylene Structure.
- High flow rates and long service life.
- Excellent chemical compatibility.
- Good resistance to high temperature and Oxidation.
- PTFE membrane with Polypropylene Structure.
- High flow rates and long service life.

Application

- Filtration for chemicals and organic solvents.
- Filtration for special inks.
- Filtration for high purity chemicals used in electronic Fabrication.
- Filtration for sterile process gases and liquids, sterile venting.
- Filtration for chemicals and organic solvents.

Dimensions

Lengths available: 5", 10", 20", 30", 40" inch

Pore Size

0.2 μ , 0.45 μ , 0.65 μ and 1.0 μ

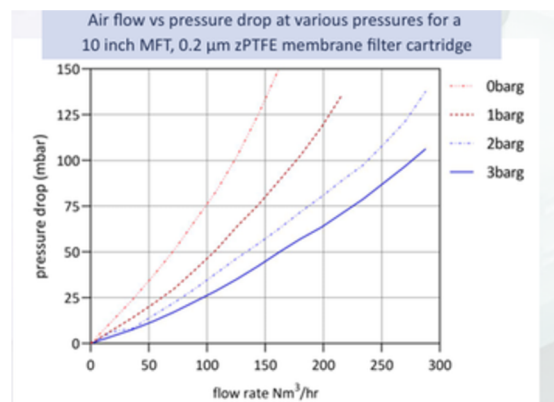
Gas Sterilisation

The filter can be gas sterilised at 125°C for 25 minutes. Also this filter can undergo sanitized by hot water at 80°C.

Operating Conditions

Maximum forward differential pressure: 4.0 bar at 20°C

Maximum operating temperature : 90°C 2.0 bar at 80°C



**Material of Construction**

Media	: Polytetrafluoroethylene (Hydrophobic PTFE)
Media support	: Polypropylene
Cage core and end caps	: Polypropylene
Sealing	: Thermally welded

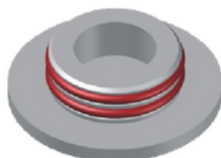
Ordering Guide

Media		Micron Rating		Outlet Connection		Length		O-ring/Gasket	
T	Polytetrafluoroethylene	02	0.2 μ	A	222/Fin	05	05	E	EPDM
		45	0.45 μ	B	222/Flat	10	10	S	Silicone
		65	0.65 μ	C	226/Fin	20	20	V	Viton
		11	1.0 μ	D	226/Flat	30	30	F	FEP encapsulated
				E	DOE	40	40		
						50	50		

MF

T — 02 — C — 10 — S

Memflo Filter Cartridge Polytetrafluoroethylene media of 0.2 μ with top fin end and CD-7 base connection, 10inch length along with silicone "O" Ring.



222



Double open end



Fin



Code-7