

Memflo All Fluoro-polymer PTB & PTL Filter Cartridges



Memflo, all fluoropolymer filter cartridges, are constructed from a PTFE membrane and PVDF core, outer cage and end caps which provide excellent flow rates, long service life and minimal extractables. The materials of construction give Memflo filter cartridges superior chemical compatibility and oxidation resistance suitable for filtration of aggressive solutions such as acids, bases and oxidisable solvents. Memflo filter cartridges are also compatible with high temperature and oxidisable gases.

CLEAR SOLUTIONS

Quality

- Manufactured for use in conformance with cGMP
- Manufactured in a clean room environment
- Meets USP Biological Reactivity Test *in vivo* for Class VI-121 °C plastics
- All microbial rated Memflo filter cartridges are integrity tested prior to packaging and despatch, and each supplied with a Certificate of Quality.
- Certificate of Quality includes
 - Fabrication integrity
 - Materials of Construction
 - Effluent quality for cleanliness, TOC and water conductivity, pH and pyrogens

Features and Benefits

- PTFE membrane with PVDF structure
- High flow rates and long service life
- Excellent chemical compatibility
- Good resistance to high temperature and oxidation

Application

- Filtration for chemicals and organic solvents
- Filtration for high purity chemicals used in electronic Fabrication
- Filtration for special inks
- Filtration for oxidative gases and liquids

Dimensions

Outer Diameter 68mm (2.67 in)
Length 5 inch, 10 inch, 20 inch, 30 inch, 40 inch

Pore Size (μm)

Hydrophobic PTFE: 0.05, 0.1, 0.2, 0.45,
1.0, 3.0, 5.0, 10
Hydrophilic PTFE: 0.1, 0.2, 0.45, 1.0

Filtration Area

→ > 6.4 ft² / 1 0 " (0.6m² 250mm)

Memflo All Fluoro-polymer PTB & PTL Filter Cartridges



Operating Conditions

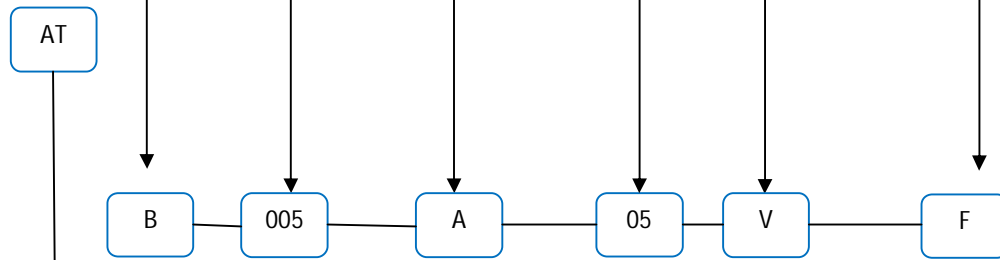
Maximum Operating Temperature <95°C (203°F)
 Maximum Forward Differential Pressure- 4.2 bar @ 23 °C (60.9 psi @ 73.40F)
 0.6 bar @ 95 °C (8.7 psi @ 203°F)

Material of Construction

Membrane-Hydrophobic/Hydrophilic PTFE
 Support & Drainage- PVDF
 Core & Cage- PVDF
 End Caps- PVDF
 O-rings/Gasket- Viton /TEV
 Sealing Technology- Thermal Bonding, No Adhesives

Ordering Guide

Media	Micron Rating		End Connection		Length		"O" Ring/ Gasket		Support Core	
	Code	Value	Code	Value	Code	Value	Code	Material	Code	Material
B Hydrophobic PTFE	005	0.05µ	A	222/Fin	05	5	V	Viton	F	Fluoro-polymer
L Hydrophilic PTFE	010	0.1 µ	B	222/Flat	10	10	T	PTFE encapsulated Viton	P	Polypropylene
	022	0.22 µ	C	226/Fin	20	20				
	045	0.45 µ	D	226/Flat	30	30				
	100	1.0 µ	E	DOE	40	40				



Memsep Filtration Hydrophobic PTFE Filter cartridge with a micron rating of 0.05µ with 222/Fin end connection with Viton "O" Ring along with Fluoro-polymer Support core.