

This filters are composed of hydrophobic PTFE membrane. Its features include exceptional organic & inorganic corrosion resistance and inherently hydrophobicity.

They are highly recommended for the pre-filtration and sterile filtration of strong solvents, highly corrosive fluids and strong oxidant fluids.

FEATURES AND BENEFITS

- Inherent hydrophobicity
- Broad chemical compatibility
- High tolerance of aggressive acids and bases
- High flow rates
- Low extractables
- Typical applications: Solvents, Oxidized liquids, Corrosive liquids sterilization and particle removal.



TECHNICAL SPECIFICATIONS

CARTRIDGE DIMENSIONES

- Outer diameter: 69 mm / 2.7"
- Length (based on DOE adapter): 5"/127mm 10"/ 254mm 20"/508mm 30"/762mm
40"/1016mm

MATERIALS OF CONSTRUCTION

- Filter media: Hydrophobic PTFE membrane
- Support layers: Polypropylene
- Core/Cage/End caps: Polypropylene
- Standard O' ring/gaskets: Silicone, EPDM, Viton. PFA/Viton, PTFE

EFFECTIVE FILTRATION AREA (EFA)

- 0.68-0.99m² / Ø 69 - 10" / 254mm

OPERATING CONDITIONS	
Max. operating temperature	80°C
Max. Differential pressure	6.9bar / 25°C
	2.4 bar / 80°C
Steam sterilization	135°C for 30 min <0.3bar / 35 forward cycles
Autoclave	130°C for 30 min/ 120 cycles

QUALITY AND BIOLOGICAL SAFETY

- 100% Integrity tested
- All components materials meets the requirement for food contact detailed in European Regulation (EC) N°1935/2004 and (EU) N° 10/2011
- Meets USP Biological Reactivity Test, in vivo, for Class VI - 121°C Plastics
- Every filter is tested during manufacture. Test correlated to microbial retention
- Bacterial Endotoxins <0.25EU/ml by Limulus Amebocyte (LAL), USP<85>
- Certified to Test provided includes:
 - Fabrication Integrity
 - Bacterial Retention
 - Materials of construction
 - Effluent quality for cleanliness, TOC and Water Conductivity, pH and Pyrogens
- Manufactured under a quality system certified to ISO9001:2008



INTEGRITY TESTING PARAMETERS

Bubble Point (0.22µm)	≥ 0.11 bar in alcohol or with 60/40 % IPA/water @20°C
Diffusion Flow (0.22µm)	≤ 16ml/min/10" cartridge @ 800mbar@20°C
WFT (0.22µm)	≤ 0.38ml/min/10" cartridge @ 2500mbar

ORDERING INFORMATION

P	PTFL						
		LENGTH	MICRON	END CAP (inf)	END CAP (sup)	GASKETS	END CAP INSERT
		05 - 5"/125mm	0.02 - 0.02µm	B - DOE with Gaskets	B - DOE with Gaskets	S - Silicone	P - PBT
		10 - 10"/254mm	0.05 - 0.05µm	C - 226	F - Flat	E - EPDM	S - St. St.
		20 - 20"/508mm	0.10 - 0.1µm	D - 222	S - Spear	V - Viton	
		30 - 30"/762mm	0.22 - 0.22µm	E - 222 Sartorius (3 tabs)		PFA/VITON	
		40 - 40"/1016mm	0.45 - 0.45µm	J - Junior 214		PTFE	
			001 - 1µm	K - Junior 216			
			003 - 3µm				
			005 - 5µm				

DISTRIBUIDO POR:



Telf. 977 653135 – info@multifiltrat.com

www.multifiltrat.com

