

FILO™ Mem

Cartridge Filters

The FILO™ Mem constitutes a range of pleated membrane cartridge filters for microbial reduction for pharmaceutical and electronic applications.



Features & Benefits

- High flow rates
- Hydrophilic PES membrane
- Validated membrane
- Integrity testable
- Full traceability
- Hot water sanitizable at 90°C (194° F)
- Compatible with a wide range of chemicals

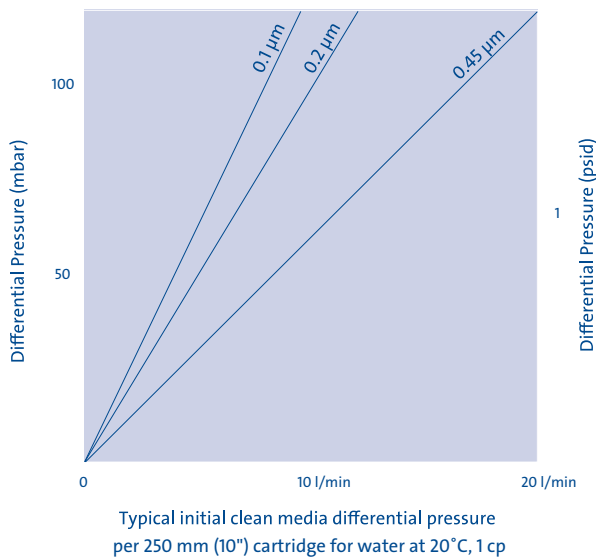
Quality

- Manufactured in a controlled environment
- Manufactured in accordance with GMP
- 100% flushed with purified water
- 100% integrity tested
- Materials meet 21CFR part 177 and USP class VI requirements
- Full validation guide available

Applications

- Sterile Filtration
- High Purity Water.

Performance



Related Services

Local after-sales service and support teams offer preventative and corrective maintenance programs to ensure the long-term, efficient operation of installed plant.

Specifications

Material Specifications	
Filtration Media	Polyethersulphone
Support	Polyester
Cage and Core	Polypropylene
O-ring Seal	EPDM Silicone
End Cap	Nylon
Reinforcing Ring	Stainless Steel
Recommended Operating Conditions	
Max. Continuous Operating Temperature	70°C (158°F)
Max. Differential Pressure (forward)	4.0 bard (60 psid) @ 40°C (104°F) ; 1.7 bard (25 psid) @ 90°C (194°F)
Cleaning and Sanitisation	FILO™ Mem cartridge can be autoclaved up to 10 times up to 130°C or steam sterilised 30 times (30 min.) up to 130°C
Integrity Test	Minimum bubble point: 49 psig (3.4 bar) Diffusional flow in water per 10": 16 cc/min at 41 psig (2.8 bar)

Ordering Information

FILO™ Mem-P (Pharmaceutical applications)

Length	Micron	End Fiting	Part Number
10"	0.2	DOE	CFYCYT9410
		CODE 3	CFYCYT9440
		CODE 7	CFYCYT9451
		CODE 9	CFYCYT9460
	0.45	DOE	CFYEYT9410
		CODE 3	CFYEYT9440
		CODE 7	CFYEYT9450
		CODE 9	CFYEYT9460
20"	0.2	DOE	CFYCZD9410
		CODE 3	CFYCZD9440
		CODE 7	CFYCZD9451
		CODE 8	CFYCZD307098
		CODE 9	CODE 9
	0.45	DOE	CFYEZD9410
		CODE 3	CFYEZD9440
		CODE 7	CFYEZD9450
		CODE 9	CFYEZD9460
		30"	0.2
CODE 3	CFYCZE9440		
CODE 7	CFYCZE9450		
CODE 8	CFYCZD307098		
CODE 9	CFYCZE9460		
0.45	DOE		CFYEZE9411
	CODE 3		CFYEZE9440
	CODE 7		CFYEZE9450
	CODE 9		CFYEZE9460

FILO™ Mem-E (Electronic applications)

Length	Micron	End Fiting	Part Number
10"	0.1	DOE	CFYBYT9410
		CODE 3	CFYBYT9440
		CODE 7	CFYBYT9450
	0.2	DOE	CFYCYT9411
		CODE 3	CFYCYT9441
		CODE 7	CFYCYT9452
20"	0.1	DOE	CFYBZD9410
		CODE 3	CFYBZD9444
		CODE 7	CFYBZD9450
	0.2	DOE	CFYCZD9411
		CODE 3	CFYCZD9441
		CODE 7	CFYCZD9452
30"	0.1	DOE	CFYBZE9410
		CODE 3	CFYBZE9440
		CODE 7	CFYBZE9450
	0.2	DOE	CFYCZE9411
		CODE 3	CFYCZE9441
		CODE 7	CFYCZE9451
40"	0.1	CODE 8	CFYBZF309178
	0.2	CODE 8	CFYCFZ309258

End caps configuration

End caps	Configuration	Material
DOE	Flat gasket	End Cap: Nylon O-Rings: EPDM
Code 3	BS222 O-ring and flat blanking cap at the closed end	End Cap: Nylon O-Rings: EPDM
Code 7	BS226 o-rings	End Cap: Nylon O-Rings: EPDM
Code 8	BS222 O-Rings and Spear at closed end	End Cap: Nylon O-Rings: EPDM
Code 9	BS214 / 213 o-rings	End Cap: Nylon O-Rings: EPDM

Visit our website: www.veoliawatertechnologies.com