

MEMFLO (PES) Filter Cartridges



MemFlo E filter cartridges are manufactured with a polyethersulfone (PES) membrane that allows a high flow with minimal pressure drop while ensuring full retention of contaminant bacteria and yeast. Memflo PES membrane has low-binding characteristics that offer a significant reduction in flavor and color loss in comparison to alternative materials. It materials are FDA CFR Title 21 and USP VI approved. The cartridge meet EC10/2011

Material of Construction

Media	: Polyether sulphone (PES)
Media support	: Polypropylene
Cage core and end caps	: Polypropylene
Sealing	:Thermally welded



Features and Benefits

- Robust construction to withstand high pressure drops and chemical and thermal stress
- Simplified and rapid integrity testing
- Minimal adsorption of product
- High flow with a low pressure drop
- True sterile filtration at each micron rating Variety of connections to retrofit major competitors

Application

- Final sterile filtration
- Beverage final filtration
- Biopharmaceuticals
- Product filtration (API)
- pharmaceuticals
- Filling & Packing

Dimensions

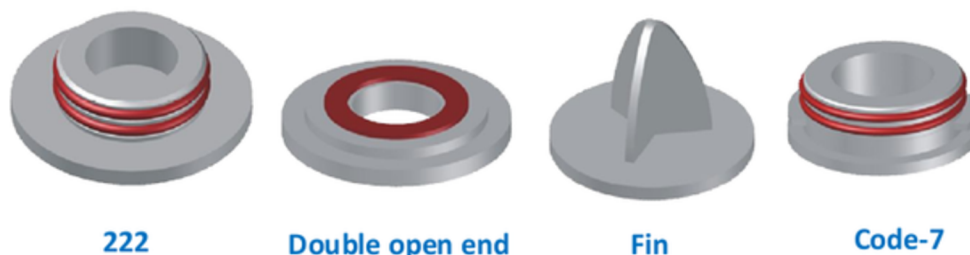
Lengths available: 5",10" ,20",30",40" inch

Pore Size

0.2μ,0.45μ,0.65μ and 1.0μ

Gas Sterilization

The filter can be gas sterilized at 121°C for 25 minutes for 25 cycles. Also this filter can undergo sanitized by hot water at 80°C.



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Double open end

Fin

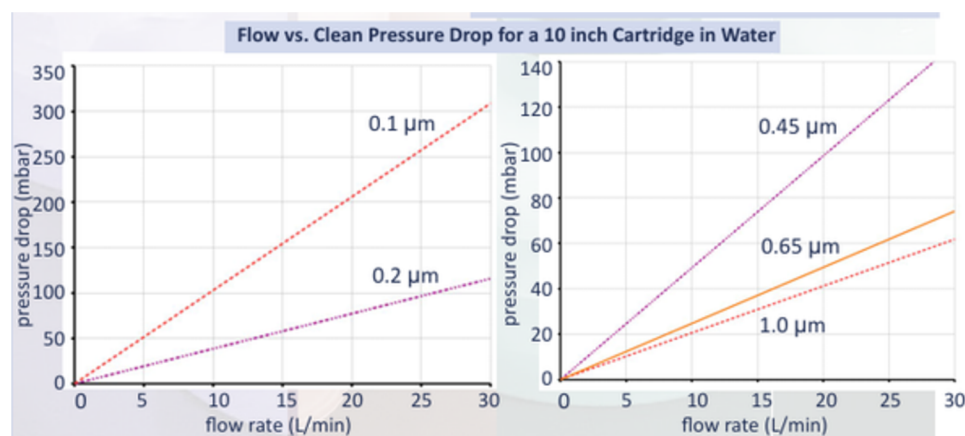
Code-7



Operating Conditions

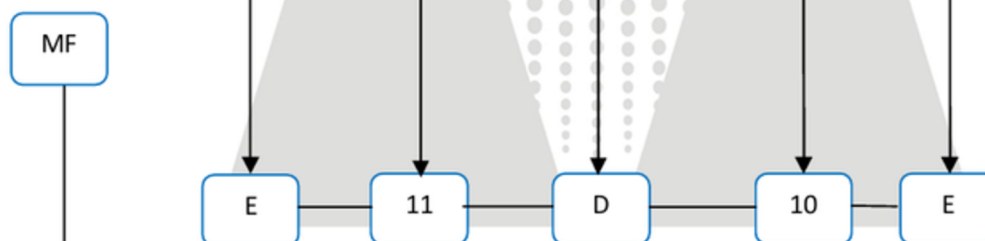
Maximum forward differential pressure: 4.0 bar at 22°C & 2.1 Bar at 80 °C

Maximum operating temperature : 80°C



Ordering Guide

Media		Micron Rating		Outlet Connection		Length		"O" Ring / Gasket	
E	Polyethersulfone	01	0.1µ	A	222/Fin	05	05	E	EPDM
		02	0.2µ	B	222/Flat	10	10	S	Silicone
		45	0.45µ	C	226/Fin	20	20	V	Viton
		65	0.65µ	D	226/Flat	30	30	F	FEP encapsulated
		11	1.0µ	E	DOE	40	40		
						50	50		



Memflo Filter Cartridge Polyethersulfone media of 1.0µ with top flat end and CD-7 base connection, 10inch length along with EPDM "O" Ring.