

Polyethersulfone (PES) Pleated Filter Cartridge

PES Pleated Filter Cartridge is constructed of imported polyethersulfone (PES) membrane media and nonwoven support materials. The cage, core and end caps material are polypropylene. Adaptors are thermally welded with media without using any glue on that.

APPLICATIONS

- Pharmaceutics
- Sterile for food and beverage
- Fine filtration for chemical industry
- Fine filtration for wine or ultra pure water

BENEFITS

- Excellent performance of chemical compatibility
- Hydrophilic and asymmetric membrane with high flow
- No fiber-releasing according to pharmaceutics and food industry requirements
- Experiencing 100% integrity tested
- Flushed with ultrapure water
- FDA compliance material



Outside Diameter

2.7" (69mm)

Filter Media

Polyethersulfone (PES)

Support

Polypropylene (PP)

Cage/Core/End cap

Polypropylene (PP)



Removal Rating (µm)

0.1 0.22 0.45 0.65 0.8 1.2

Length (")

(75	10	20	30	40
	,,, 5	10	20	50	70

Seal Material

S = Silicone	E = EPDM	B = NBR
V = Viton	T = Teflon	F = E-FKM

- SPECIFICATION

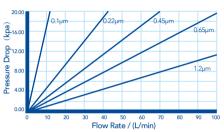
Maximum Operating Temperature

PP:80°C

Maximum Operation Differential Pressure

4.2 Bar @ 21°C

Flow Characteristics





END CAP CONFIGURATION





















ORDERING CODE

ORDERING CODE Example : HMPES-0.22-							
	Removal Rating	Length	End Cap Type	Seal Material	Core		
HMPES	0.1 = 0.1μm 0.22 = 0.22μm 0.45 = 0.45μm 0.65 = 0.65μm 0.8 = 0.8μm 1.2 = 1.2μm	975 = 9.75" 10 = 10" 20 = 20" 30 = 30" 40 = 40"	0 = DOE 5 = 213/Flat 2S = 222/Flat/SS 4S = 222/Fin/SS 2 = 222/Flat 4 = 222/Fin 3 = 226/Fin 3S = 226/Fin/SS 1 = 226/Flat 1S = 226/Flat/SS 3P = 226/Flat/PSU 1P = 226/Flat/PSU	S = Silicone E = EPDM B = NBR V = Viton T = Teflon F = E-FKM	P = PP Core S = SS Core		