

PLEATED POLYETHERSULPHONE (PES) CARTRIDGE - PEG/PEF/PEE

SPECIFICATIONS

- Absolute filtration – 99.98% (βx=5000)
- Available 10" to 40"
- Outer diameter 68 mm
- High filtering surface area (0.7 m² for 10" module)
- Sanitisable
- Compliance with directives for contact with food EC and FDA CFR21
- JUNIOR version also available

APPLICATIONS

- General fluid filtration - PEG
- Food liquid and beverage specific - PEF
- Electronic application specific - PEE
- Pharmaceutical
- Chemical
- Pure water systems

Sterilisation and sanitisation

- In hot water 90°C, 30 min at 1 bar max

Max. operating conditions

- Temperature 80°C
- Max. diff. pressure 3.4 bar at 20°C (Normal flow)
2.7 bar at 20°C (Reverse flow)

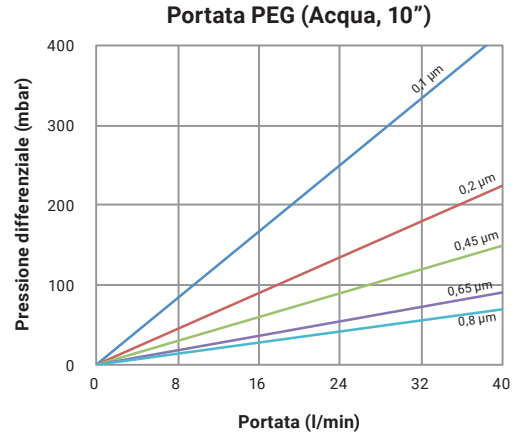


Building materials

- Filter media Polyethersulphone (PES)
- Support media Polypropylene
- End Polypropylene
- Core Polypropylene
- Outer protection Polypropylene
- OR/gaskets Silicone, Epdm, Nbr, Viton, Teflon, Fep

	Filtration	l/min *
PEF - PEE	0.1 µm	3.8
	0.2 µm	5.7
	0.45 µm	15.1
	0.65 µm	22.7

* Filter element 10" and Δp 69 mbar



COMPOSITION CODE	PEG	0.2	1	1	1
	Model	Micron	Length	Type	OR/Gaskets
PEG General process fluids		0.1	1 = 10" (25.4 cm)	1 = DOE with gasket	1 = Silicone
		0.2	2 = 20" (50.8 cm)	3 = SOE -222 with blind bottom	2 = Epdm
PEF Food liquids and beverages		0.45	3 = 30" (76.2 cm)	6 = SOE -226 with blind bottom	3 = Nbr
		0.65	4 = 40" (101.6 cm)	7 = SOE -226 with tip	4 = Viton
PEE Electronics applications		0.8		8 = SOE -222 with tip	5 = Teflon
				9 = SOE -225 with tip	6 = Fep