

POLYETHERSULFONE MEMBRANE CARTRIDGES

*PES SERIES FOR ELECTRONICS, DI WATER,
CHEMICAL & BEVERAGE FILTRATION*

FEATURES AND SPECIFICATIONS

- (PES), Polyethersulfone cartridges offer a wide array of micron ratings from .1 to 5 microns
- All Polyethersulfone cartridges are produced in-house on the most modern equipment available
- Complete in-house testing guarantees a superior and consistent product
- Cartridges have excellent dirt holding capacity with low flow resistance
- Naturally hydrophilic media does not need wetted before use
- We offer all end cap configurations to fit your applications and housings
- Polyethersulfone media is excellent for its low protein binding and chemical compatibility
- Cartridges are manufactured to meet FDA Title 21 for food contact applications
- Cartridges are constructed in a clean room environment
- Cartridges may be ordered as final rinsed with 18 mega ohm water



Toxicity	Purity
Cartridges are manufactured with no additives or other manufacturing agents. We guarantee all materials used in the production meet FDA Title 21 of the Code of Federal Regulations 174.5 and 177.1520.	Cartridges are Free of Surfactants, Resins, Binders and Adhesives
Sterilization	
Multiple Autoclaving for 30 Minutes at 250°F (121°C) under no End Load Conditions. In-line Steam Sterilization is not recommended. May be In-line Sanitized with Hot Water at 180°F (82°C) for 1 hour.	

Product Specifications	
Retention Ratings:	.1, .22, .45, .6, .8, 1.2, & 5 micron
Membrane:	Polyethersulfone
Support Media:	Polypropylene
End Caps:	Polypropylene
Center Core:	Polypropylene
Outer Support Cage:	Polypropylene
Maximum Operating Temperature:	175°F
Nominal Diameter:	O.D. - 2.65" I.D. - 1" center
Lengths:	10, 20, 30, & 40 inch
Maximum Differential Pressure:	45 psid

FDA compliance under Title 21 of the code of federal regulations for food contact applications

AVAILABLE END CAPS



226

222

DOE Gasket

Fin

Closed

BUILDING A PART NUMBER

POLYETHERSULFONE	MICRON	CARTRIDGE LENGTH	CORE MATERIAL	END CAP	GASKET / O-RING	18 MEGA OHM RINSE
PES	.1	3	E	2	B	R
PES	.1 .22 .45 .60 .80 1.2 5.0	3 = 10 5 = 20 7 = 30 9 = 40	E = Polypropylene	2 = 222/Fin 4 = 222/Closed 5 = 226/Closed 6 = 226/Fin 9 = DOE Gasket	B = Buna V = Viton® T = Teflon® S = Silicone N = Neoprene D = EPDM	R