



Riley Equipment Company
 6911 Gant Road
 Houston, Texas 77066
 sales@recofiltration.com
 (281) 583-5295 Fax: (281) 583-5299

Polyethersulfone Membrane Cartridges

RECO's Polyethersulfone Membrane Cartridges are tested to ensure a superior and consistent product with excellent dirt holding capacity and low flow resistance. These cartridges do not need to be washed before use. Polyethersulfone is perfect for its low protein binding and chemical compatibility. They are manufactured to meet FDA Title 21 for food and water contact applications in a clean room environment. Cartridges can be ordered rinsed with 18 mega ohm water.

- Microns: .1-5
- End Caps: 222, 226, Flat Gasket, Fin

Toxicity	Purity
RECO's 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 microns
Membrane:	Polyethersulfone
Support Media:	Polypropylene
End Caps:	Polypropylene
Center Core:	Polypropylene
Outer Support Cage:	Polypropylene
Max Operating Temperature:	175°F
Nominal Diameter:	O.D. – 2.7" I.D. – 1"
Lengths:	10, 20, 30, 40 inches
Max Differential Pressure:	45 psid

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/Flat 5 = 226/Flat 6 = 226/Fin 9 = Flat Gasket	B = Buna V = Viton® T = Teflon® S = Silicone N = Neoprene D = EPDM	R