

CSM PES Membrane Filter

Description

- PES pleated cartridge constructed of polyethersulfone microporous membrane and polypropylene support components enable superior durability and particle removal performance and can be used in various applications.
- All materials are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21.

Feature and Benefits

- Constructed of asymmetric polyethersulfone microporous membrane and polypropylene support components.
- Consistent filtration performance through controlled pore size.
- Thermal bonded manufacturing without adhesives media extraction.

Application

- Food & Beverage : Beer, Flavors, juices, water, syrups, Wines
- Cosmetics : fragrances, lotions, creams
- Industrial : solvents, paints, ink, oils, chemicals

Specifacaton

Material of Construction

- Media : Polyethersulfone membrane.
- Core/Cage/End-cap/Support : Polypropylene

Sealing method : Thermal bonding

Recommended Maximum Differential Pressure

- Forward Pressure : 70psi (4.8 bar) at 25
- Reverse Pressure : 40psi (2.7 bar) at 25

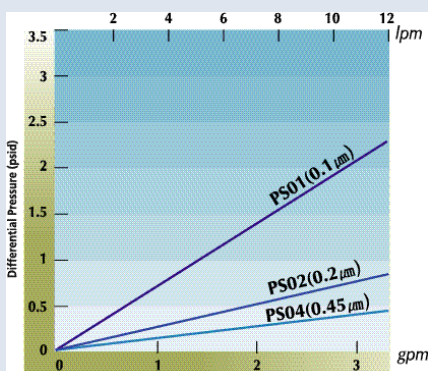
Filtration Area : 0.7m²/10" Cartridge

Integrity Test

- 0.1 μm 75psig
- 0.2 μm 45psig



Liquid flow rate per 10 filter cartridge



Ordering Information

Product Name	Micron Rating	End-Cap Option	Length	O-ring Material	Grade	Steam Option
'PS':	'01': 0.1 μm	'A': 250mm D/O	'1': 10"	'E': EPDM	P: Pharmaceutical	S: Standard
PES	'02': 0.2 μm	'B': 254mm D/O	'2': 20"	'N': Buna-N	E: Electronic	I: Insert sus ring
(Polyether-sulfone)	'04': 0.45 μm	'C': 2-222 O-ring/Flat	'3': 30"	'S': Silicone	B: Beverage	
	'10': 1.0 μm	'D': 2-226 O-ring/Flat	'4': 40"	'V': Viton	G: General	
		'E': 2-222 O-ring/Fin		'T': Teflon encapsulated viton		
		'F': 2-226 O-ring/Fin				
		'G': 020 Internal O-ring				
		'M': 2-222 O-ring/Flat				