

Cartridges Filter PESGF



Polyethersulfone and Glass Fiber Cartridges Filter

Extremely Long Service Time

SteriPure-G cartridge filters feature a unique combination of asymmetric Polyethersulfone membranes and sub-micro glass fiber layers. A combine of well-defined retention efficiency and high total throughput capacity make them ideally suited for liquid containing particle and colloids. SteriPure-G can guarantee the microbiological stability of the liquid with a low adsorption of protein, polysaccharide and polyphenol. They will be the sufficient condition for the stable operation of filtration system.

Reliability: From raw materials purchase, transport and storage to production, all operations follow ISO 9001 quality management system. SteriPure-G manufactured, tested and packaged in a cleanroom to ensure product cleanliness. Each individual filter is flushed by DI water and integrity tested.

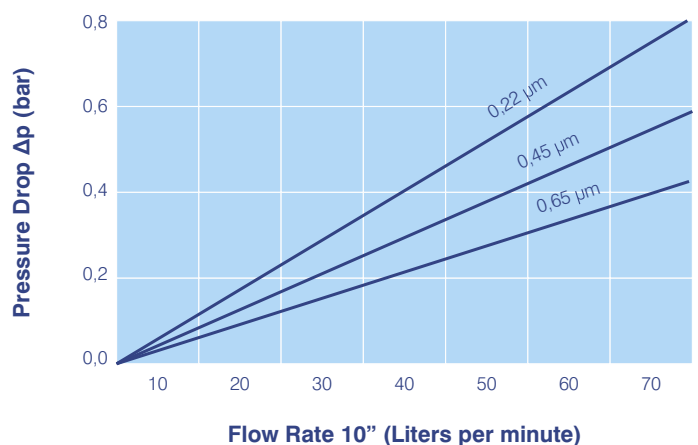
Features

- Contain no adhesive and surfactant.
- Bacterial Endotoxin: ≤ 0.25 EU/ml
- Extractable: ≤ 40 mg/10 inches
- Outer Diameter: 68.5mm
- Inner Diameter: 33.0mm
- Filtration Area: ≥ 0.44 m²

Applications

- Particles removal
- Lipids and colloids removal
- Microbiological removal
- Clarification filtration

Flow vs Δp cartridge 10"



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Ordering Information

Pore Size μm	D	Length"	E	Configurations	O-Rings/Gaskets	Insertions
DPESGF	0.2	D	5	E	Blank = DOE	B = Buna-N R = Inox
	0.45	D	10	E	1 = DOE Flat Gasket	S = Silicona
	0.65	D	20	E	2 = 222 w/Flat Cap	P = Polyfoam Joints
		D	30	E	3 = 222 w/Fin	E = EPDM
		D	40	E	6 = 226 w/Flat Cap	V = Viton®
				E	7 = 226 w/Fin	T = Teflon® encapsulated Viton

Sanitization / Sterilization

Autoclave: 124°C, 30 min, 100 cycles
Steam in place: 124°C, 30 min, 100 cycles
Hot water: 85°C, 60 min, 80 cycles

Maximum conditions of use

Max. Operating Temperature: 1.9 bar@ 82°C
Max. Differential Pressure (forward): 5.2 bar@ 25°C
Max. Differential Pressure (reverse): 2.1 bar@ 25°C
Recommended Replacement Pressure: 2.4 bar

Cartridges made of materials generally recognized as safe (GRAS) and complying with the regulations established by the FDA (Regulation 21CFR186.1673) for use in contact with food.
 Health Registration # RSIPAC: 39.05248 / CAT

Materials of Construction

Filter membrane: Polyethersulfone and Glass Fiber
Supports: Polypropylene
Cage/End Caps: Polypropylene
Core: Polypropylene / Polysulfone
Adaptor: Polypropylene
O-rings: Silicone/EPDM

Note. We reserve the right to change these informations without any previous notice.

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