

PurePore GF Pleated Cartridge Filter

» *High Performance PreFiltration*



Specifications

» Materials of Construction

Filter Membrane	Glass Fiber
Supports	Polypropylene
Cage/End Caps	Polypropylene
Core	Polypropylene
Adaptor	Polypropylene
O-rings	Silicone/EPDM

» Filter Dimensions

Outer Diameter	68.5 mm	
Inner Diameter	33.0 mm	
Filtration Area	0.8µm	≥ 0.35 m ²
	1µm	≥ 0.41 m ²
	3~10µm	≥ 0.44 m ²

» Sterilization and Disinfection

Hot water	85°C, 60 min
Autoclave	124°C, 30 min
Steam in-line	124°C, 30 min

» Operating Parameters

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

Description

PurePore GF filters are designed for providing excellent protection to downstream filters. Glass microfiber layer have a unique three dimensional structure. It can provide high dirt holding capacity and high remove effective. GF filters are suitable for retaining colloidal matter from high burden and high viscosity fluid.

» Compatibility

PurePore GF cartridge filters are sealed using thermal bonding process, contain no adhesive and surfactant. The components of ProtecPure include of glass fiber with resin binding, Polypropylene and Silicone/EPDM, provide broad chemical compatibility and low extractable levels at high temperature.

» Reliability

From raw materials purchase, transport and storage to production, all operations follow ISO 9001 quality management system. PurePore manufactured, tested and packaged in a cleanroom to ensure product cleanliness.

» Regulatory Compliance

ASTM D6394 SP0112
 FDA 21 CFR 177.1655
 ISO 10993-Part 1, 5
 EN 285:2006+A2:2009.
 Regulation (EC) No 1935/2004

Application

- Remove particles from viscous liquids
- Lipids and colloids removal
- Bio-burden removal
- Clarify product to extend the lifetime of membrane filters

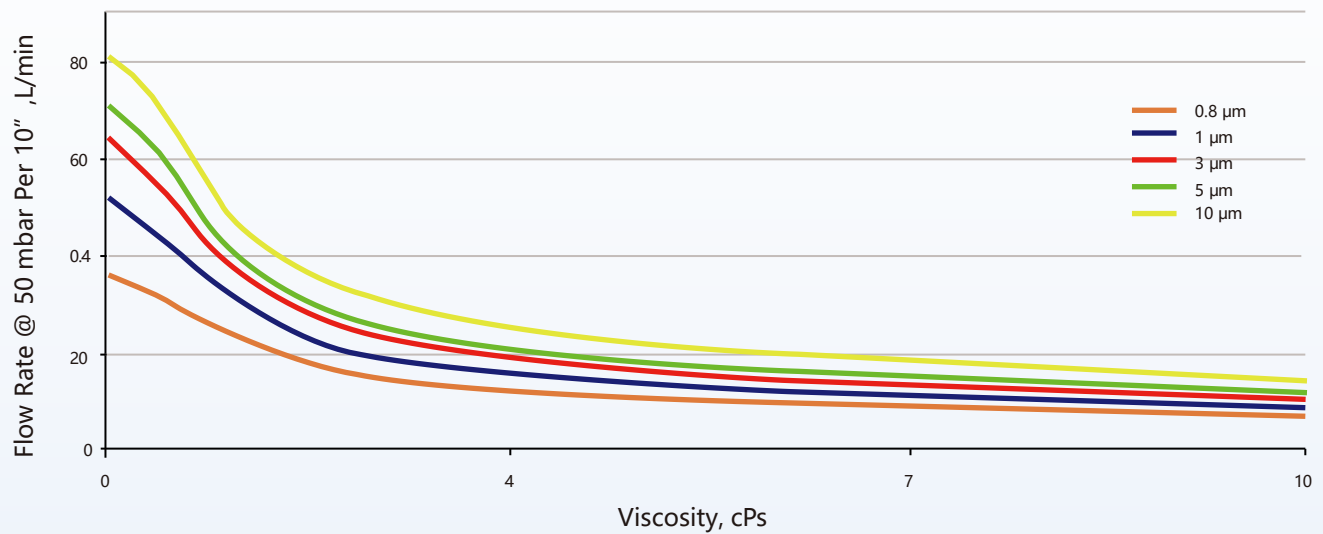
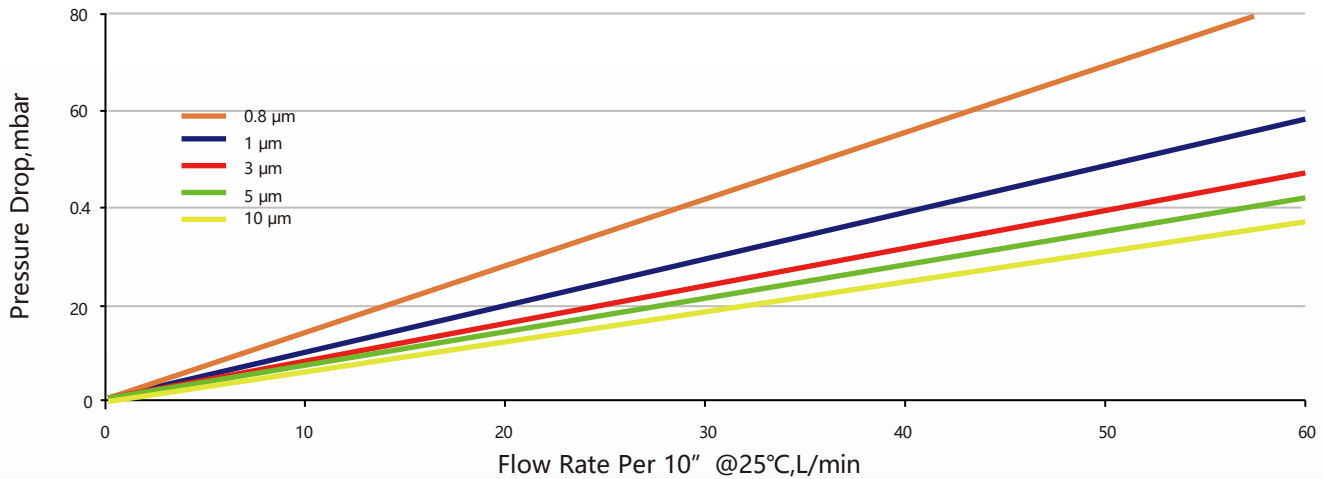
» Economy

PurePore GF filters can be sanitized with hot water and compatible with a wide range of chemicals. They can provide highly cost effective filtration.

PurePore GF Pleated Cartridge Filter

» High Performance PreFiltration

Flow Rate-Pressure Drop and Viscosity-Flow Rate



Order Information

Filter Media	Length	Pore Size	Adaptor	Sealing	Core
CRGF: Glass Fiber	005 = 5 inches 010 = 10 inches 020 = 20 inches 030 = 30 inches 040 = 40 inches	050 = 0.5 μm 080 = 0.8 μm 100 = 1.0 μm 300 = 3.0 μm 500 = 5.0 μm 1000 = 10.0 μm	0 = DOE 2 = 222/Flat 3 = 222/Fin 5 = 226/Fin with 316L Stainless Steel Insert 6 = 226/Fin 7 = 226/Flat	S = Silicone E = EPDM	Blank = Polypropylene S = 316L stainless steel P = Polysulfone