

BGPF Series Filter Cartridges



Product Introduction

BGPF series filter utilizes glass fiber media which increases dirt holding capacity and provides consistent filtration efficiency. The reinforced outer cage and center core make BGPF series provide secure operation through numerous cycles of hot water sanitization, which is typically used in food and beverage industry. BGPF series filters are especially designed for removal of contaminants like yeasts or other spoilage organisms and work well at pre-filtration stage in wine bottling process. BGPF series enables to protect and prolong the life time of final, high-value membrane filters.

- All materials meet FDA requirements for food and beverage contact
- Manufactured under a certified ISO 9001 quality system
- Manufactured in class 10,000 clean room

Product Specifications

Materials of Construction

- Filter Media: Glass Fiber
- Hardware: Polypropylene
- Sealing: Thermal Bond
- Support Material: Polyester
- Gaskets/O-rings: Silicone

Dimensions

- Outside Diameter: 2.8" (71mm)
- Lengths: 10", 20", 30", 40"

Performance Specifications

Retention Ratings

0.5, 0.6, 1.2 μ m Absolute

Operating Conditions

- Maximum Operating Differential Pressure:
75 psid (5.1 bar) @ 68°F (20°C)
40 psid (2.8 bar) @ 150°F (65°C)
- Maximum Operating Temperature:
180°F (82°C), CIP 220°F (105°C)
- Recommended Change Out Differential Pressure:
35 psid (2.4 bar)
- Sanitization & Sterilization: Hot Water @ 90°C for 30 mins.

FDA Listed Materials

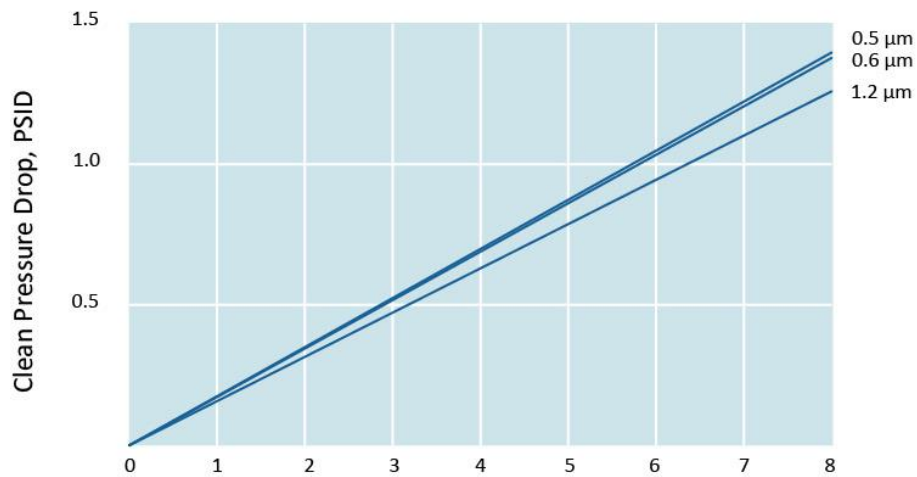
Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.



Sanitizing Agents

Cartridge may be sanitized in place with common oxidizing agents. Consult factory for compatibility information.

Liquid Flow Rate vs. Initial Differential Pressure



Flow Rate, GPM, Water@AMB.

Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

Ordering Information

BGPF	0.5-	30-	7	S	(PSI)
Product Name	Retention Rating	Cartridge Length	End Configuration	Gasket/O-ring Material	End Cap Insert
BGPF	0.5, 0.6, 1.2 µm	10" 20" 30" 40"	DOE=Double Open End Code 3=222 / Flat Code 8=222 / Fin Code 7=226 / Fin, Bayonet Code 28=222 / Fin, Bayonet	S=Silicone	PSI=Polysulfone Insert