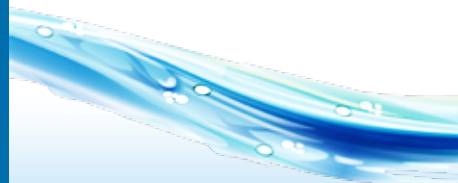


BPPF Series Filter Cartridges



Product Introduction

BPPF series utilizes melt blown polypropylene sheet as filter media which delivers consistent performance. The reinforced outer cage and center core enable to withstand harsh operating conditions, for example, hot water sanitization, which is typically used in food and beverage industry. BPPF series can significantly reduce numbers of yeasts and spoilage organisms from beverage products to provide microbial stabilization. In this case, BPPF series can be applied at pre-filtration stage of wine or beer bottling process and prolong the service life of the final filters.

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

Product Specifications

Materials of Construction

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

Dimensions

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

Performance Specifications

Retention Ratings

0.2, 0.6, 1.2, 2.5, 5, 10, 20, 30 µm 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.



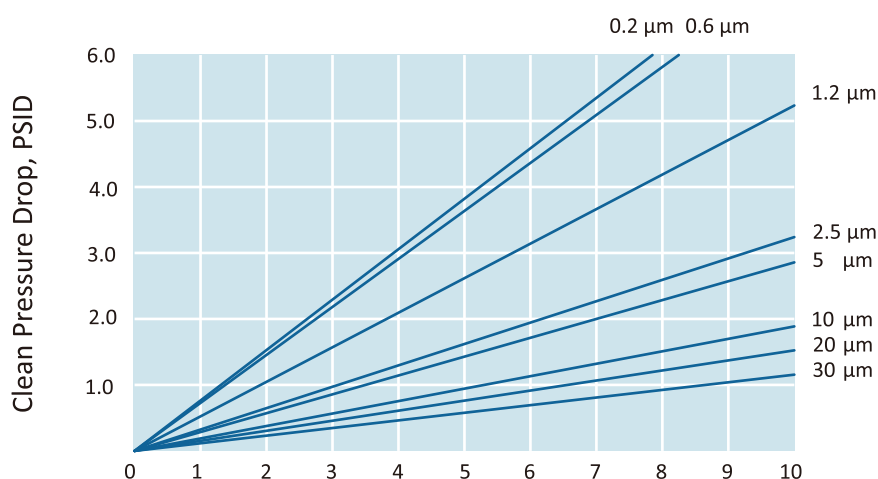
Toxicity

All polypropylene components meet the specifications for biological safety as per the USP for Class VI-121°C Plastics. (gaskets/ o-rings excluded)

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

BPPF	0.2-	30-	7	S	(PSI)
Product Name	Retention Rating	Cartridge Length	End Configuration	Gasket/O-ring Material	End Cap Insert
BPPF	0.2, 0.6, 1.2, 2.5, 5, 10, 20, 30 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