PFP-B particle removal PP filters

Heavy-duty trap filtration of liquids in beverage applications

PFP-B filters provides reliable and efficient trap filtration for beer and wine. They are specifically designed to remove filter aid, have a high dirt holding capacity and are backwashable. Its filter media consist of high-density pleated multilayers of melt blown PP with support layers integrated into a robust cage.

Key features: ▶
- High flow and low pressure drop
- Wide chemical compatibility
- No fiber migration
- Repetitive backwash cleaning
- Reinforced end cap

Applications: ▶
- Trap filtration of beer and wine in Food & Beverage industry.

Quality first: ▶
- Manufacturing acc. ISO 9001 in a controlled environment
- Comply with EU Regulation No. 1935/2004
- Materials used meet FDA title 21 and USP Class VI
- Batch traceability

## Protecting process, products and people

Atlas Copco's process filters optimize your productivity while protecting your process, product and consumers. Our portfolio of cartridges and housings covers all your filtration needs. The products are made from proven, high quality materials from reputable suppliers and manufactured in a controlled environment subjected to strict QA/QC procedures.

Product specifications

Materials of construction	
Filter media	Multilayer nanofiber polypropylene
Support	Polypropylene
Core/Cage	Polypropylene
End caps	Polypropylene + reinforcement
Dimensions	
Diameter	2.52"
Typical surface area	11.09 ft^2 (2.52" - 30")
Operating conditions	
Max. temperature	158°F
Max. differential pressure forward flow	72.5 PSI @ 70°F, 34.8 PSI @ 158°F
Recommended change out differential pressure	36 PSI
SIP/CIP	
Hot water sanitization	185°F @ 29 PSI

Flow rate
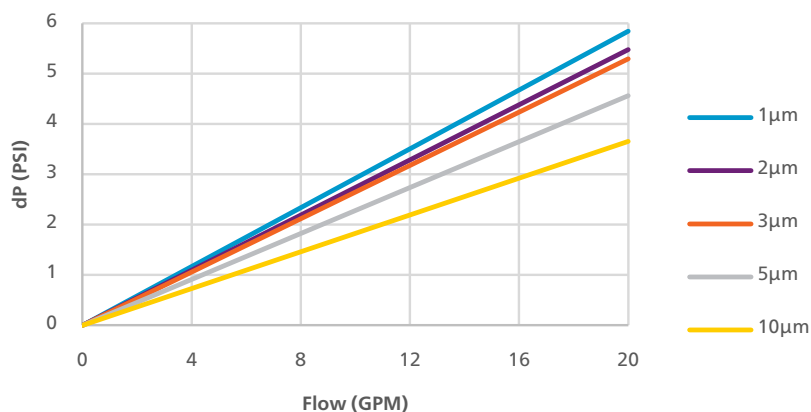
Note: 10" cartridge tested with water @ 68°F, 1.005 cP (typical flow rate)

Product configuration

Series	Rating	Length	End cap	Seal
PFP-B	1 µm	10"	C2 = 2 x 226 O-ring + 2 tabs/Flat	S = Silicone
	2 µm	20"	C3 = 2 x 222 O-ring/Flat	E = EPDM
	3 µm	30"	C7 = 2 x 226 O-ring + 2 tabs/Fin	V = Viton
	5 µm	40"	C8 = 2 x 222 O-ring/Fin	
	10 µm		C28 = 2 x 222 O-ring + 3 tabs/Fin	
			DOE = Flat + gasket/Flat + gasket	

Example: PFP-B 15 µm 10" C28 EPDM

Atlas Copco

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