

PFP-A particle removal PP filters

Absolute filtration of valuable liquids in food, pharmaceutical and industrial applications

PFP-A filters provide reliable and efficient filtration with a maximum service life for critical and heavy-duty applications. Its filter media consist of pleated multilayers of melt blown PP fiber with support layers integrated into a robust cage with reinforced core and end cap, making it suitable for nearly all operation, service and cleaning conditions.



Key features:

- High flow and low pressure drop
- High dirt holding capacity
- Wide chemical compatibility
- No fiber migration
- Reinforced end cap

Applications:

- Pre-filtration for final membrane filters
- Final filtration of beverages
- Particulate removal from production liquids

Quality first:

- Manufacturing acc. ISO9001 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

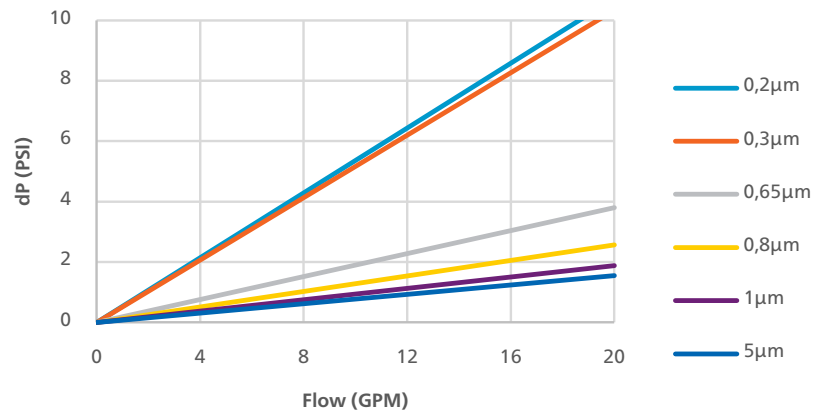
Atlas Copco's process filters optimize your productivity while protecting your process, product and consumers. Our portfolio of cartridges and housings covers all your filtration needs. The products are made from proven, high quality materials from reputable suppliers and manufactured in a controlled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



Product specifications

Materials of construction	
Filter media	Multilayer melt blown polypropylene
Support	Polypropylene
Core/Cage	Polypropylene
End caps	Polypropylene + reinforcement
Dimensions	
Diameter	2.80"
Typical surface area	5.70 ft ² (2.80" - 10")
Operating conditions	
Max. temperature	176°F
Max. differential pressure forward flow	72.5 PSI @ 70°F / 29 PSI @ 176°F
Max. differential pressure reverse flow	29 PSI @ 70°F
Recommended change out differential pressure	36 PSI
SIP/CIP	
Steam sterilization	50 cycles @ 185°F ≤ 20 cycles @ 250°F for 30 minutes @ dP 7 PSI
Chemical sanitization	50 cycles @ 104°F for 30 minutes with sodium hypochlorite (100 PPM) or peroxyacetic acid (100 PPM)

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-A	0.2/0.3/0.5 µm	5"	C2 = 2 x 226 O-ring + 2 tabs/Flat	S = Silicone
	0.65/0.8 µm	10"	C3 = 2 x 222 O-ring/Flat	E = EPDM
	1 µm	20"	C7 = 2 x 226 O-ring + 2 tabs/Fin	V = Viton
	3 µm	30"	C8 = 2 x 222 O-ring/Fin	
	5 µm	40"	C28 = 2 x 222 O-ring + 3 tabs/Fin	
	8/10/20 µm		DOE = Flat + gasket/Flat + gasket	

Example: PFP-A 8 µm 10" C8 V

