

Absolute PP microfiber filter cartridge LT-PPAC

In general

LT-PPAC filter cartridges are made of pleated polypropylene microfiber and provide high efficiency and high purity filtration. The high submicron efficiency of the PPAC makes it an ideal membrane pre-filter or cost-effective alternative to membrane cartridges in a wide range of applications.

Features

- 100 % PP for compatibility with a wide range of process fluids
- Fixed pore construction provides absolute efficiency filter
- High surface area design provides superior flow rates and extended service life
- End caps and connectors sealed by thermal bond, free of binders
- All materials of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21
- Sealing material: EPDM, Buna, Silicone, Viton

Applications

Please check the chemical resistance against your fluid as well as the applicability for your application before usage:

- Chemical industry
- Water treatment
- RO membrane pre-filtration
- Food and beverage
- Electronics
- Varnish industry



PP microfiber filter cartridge

Technical data

Length**	Inner Ø Outer Ø	Micron rating	Temperature	Differential pressure	Filter area	Flow rate*
10" (254mm)	30 mm 68 mm	0,2 – 100 µm absolute (99,8%β = 500)	max. 93°C max. 71°C @ 2,4 bar	max. 1,4 bar @ 93°C max. 4,8 bar @ 21°C Exchange recommended at: 2,4 bar	~ 0,6 m ²	0,3 – 1 m ³ /h
20" (508mm)					~ 1,2 m ²	0,6 – 2 m ³ /h
30" (762mm)					~ 1,8 m ²	0,9 – 3 m ³ /h
40" (1016mm)					~ 2,4 m ²	1,2 – 4 m ³ /h

*Data may vary depending on specific application and filter element used

**Special lengths available

Ordering information

LT-PPAC - 0002 - 10 - 3 - E				
Type	Fineness	Length	Adapter code	Sealing
LT-PPAC	0002: 0,2 µm 0005: 0,5 µm 0012: 1,2 µm 0025: 2,5 µm 005: 5 µm 010: 10 µm 020: 20 µm 030: 30 µm 050: 50 µm 075: 75 µm 100: 100 µm	5: 127 mm 9: 248 mm 10: 254 mm 20: 508 mm 30: 762 mm 40: 1016 mm	F: DOE + gasket 2: 226/Flat (SOE) 3: 222/Flat (SOE) 7: 226/Spear (SOE) 8: 222/Spear (SOE).	E: EPDM N: Buna S: Silicone V: Viton