

Absolute PP microfiber filter cartridge LT-PPAD

In general

LT-PPAD filter cartridges are made of a unique combination of pleated polypropylene melt blown and spun bonded media to provide high surface area, finish-free and non-fiber releasing filtration. The cartridges are designed for food and pharmaceutical processes. All-polypropylene construction maximizes chemical resistance to acids base, salts and most organic solvents.

Features

- High efficiency rated for critical process applications (99,98% efficiency)
- High pleated surface area design provides extended service life, low pressure drop and high flow capacity
- 100 % PP for compatibility with a wide range of process fluids
- End caps and connectors sealed by thermal bond, free of binders
- Surface treatment: none chemically, inert and neutral
- All materials of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21



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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
- Biological industry
- Food and beverage
- Electronics
- Varnish industry

Technical data

Length**	Inner Ø Outer Ø	Micron rating	Temperature	Differential pressure	Filter area	Flow rate*
10" (254mm)	30 mm 68 mm	0,1 – 100 µm absolute (99,98%β = 5000)	max. 93°C max. 52°C @ 2,4 bar	max. 0,7 bar @ 93°C max. 4,1 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-PPAD - 0002 - 10 - 3 - E				
Type	Fineness	Length	Adapter code	Sealing
LT-PPAD	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