

## Absolute PP microfiber filter cartridge LT-PPAC140

### 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. The LT-PPAC140 series cartridges are especially designed for the plastic housing series LT-BFPC-1-140.

### Features

- Fixed pore construction provides absolute efficiency filter
- High surface area design provides superior flow rates and extended service life.
- 100 % PP for compatibility with a wide range of process fluids
- 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
- Single open end design with double O-ring
- Suitable for LT-BFPC-1-140 housings



PP microfiber filter cartridge

### Technical data

Length	Inner Ø Outer Ø	Micron rating	Temperature	Differential pressure	Filter area	Flow rate*
485 mm	52 mm 126 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	2,6 m <sup>2</sup>	5 – 15 m <sup>3</sup> /h

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

### Ordering information

LT-PPAC - 0002 - E		
Type	Fineness	Sealing
LT-PPAC140	0002: 0,2 µm 0005: 0,5 µm 001: 1 µm 005: 5 µm 010: 10 µm 020: 20 µm 050: 50 µm 075: 75 µm 100: 100 µm	E: EPDM N: Buna S: Silicone V: Viton