

Semi-absolute microfiber filter bag LT-PPMF

Features

- Manufactured of high quality polypropylene microfiber and needle felt
- Multiple layer composite matrix with protective needle felt, primary microfiber filter and compressed non-woven material protective layer
- Absolute retention rates, >92% in single pass
- Seam: ultrasonic welded seam
- Ring design: Polysnap ring polypropylene
- Ring mounting: ultrasonic welding or stitched
- FDA conformity, free of silicone and other types of contamination
- High contaminant retention capacity, extended service life
- High oil absorptive properties (up to twenty-threefold of own weight)
- Low disposal costs
- Broad chemical compatibilities



Microfiber filter bag

Applications

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

- Automotive industry
- Water filtration and purification
- Food & beverage industry
- Chemical industry
- Paint industry

Technical data

Size	Filter area	Fineness	Operating temperature	Differential pressure	Flow rate
1 (Ø180x420mm)	0,25 m ²	1, 5, 10, 25, 50, 75, 100µm semi-absolute >92% (single pass)	max. 70°C	Exchange recommended at: 1 - max. 1,8 bar	6 - 8 m ³ /h
2 (Ø180x820mm)	0,50 m ²				17 - 22 m ³ /h
3 (Ø100x230mm)	0,09 m ²				1 - 3 m ³ /h
4 (Ø100x380mm)	0,15 m ²				3 - 5 m ³ /h
5 (Ø150x510mm)	0,25 m ²				5 - 7 m ³ /h

*Data based on laboratory trial with pure water at ambient temperature and controlled delta p of 0,1 bar.
Data may vary depending on specific application and filter bags used.

Ordering information

LT-PPMF - 001 - WS - 2 - P - R					
Filter material	Fineness	Seam design	Size	Ring design	Bottom Shape
PPMF: Polypropylene microfiber	001: 1 µm 002: 2 µm 003: 3 µm 005: 5 µm 010: 10 µm 025: 25 µm 050: 50 µm 075: 75 µm 100: 100 µm	WS: Welded seam	1: 0,25 m ² Ø 180x420 mm 2: 0,5 m ² Ø 180x820 mm 3: 0,09 m ² Ø 100x230 mm 4: 0,15 m ² Ø 100x380 mm 5: 0,25m ² Ø 150x510 mm	P: Polypropylene Polysnap PE: Polyester Polysnap PS: Polypropylene Double seal (only size 5) ES: Polyester Double seal (only size 5)	R: semi-circle V: triangle