Extended life needle felt bag LT-PPEX / LT-PEEX

Features

- Manufactured of one layer of high quality extended life needle felt with asymmetric pore structure
- Outer surface glazed to minimize fiber release
- Nominal retention rates
- Seam: ultrasonic welded seam (standard), or stitched seam
- Ring design: Polysnap ring (Polyester or Polypropylene), zinc coated or stainless steel ring
- Ring mounting: ultrasonic welding or stitched
- FDA conformity, free of silicone and other types of contamination
- High flow rates, low pressure drop
- Higher contaminant retention capacity, extended service life
- Special design available upon request
- Low disposal costs
- Broad chemical compatibilities

Needle felt 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
- Pharmaceutical industry

Technical data

Size	Filter area	Fineness	Operating temperature	Differential pressure	Flow rate
1 (Ø180x420mm)	0,25 m²	1, 5, 10, 25, 50, 75, 100, 150, 200 µm nominal	Polypropylene: max. 90°C Polyester: max. 135°C	Exchange recommended at: 1 - max. 1,8 bar	9 - 13 m³/h
2 (Ø180x820mm)	0,50 m²				20 - 25 m³/h
3 (Ø100x230mm)	0,09 m²				3 - 6 m³/h
4 (Ø100x380mm)	0,15 m²				7 – 9 m³/h
5 (Ø150x510mm)	0,25 m²				9 - 12 m³/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.

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Ordering information

LT-PPEX	- 001	- WS	- 2	- P	- V
Filter material	**Fineness**	**Seam design**	**Size**	**Ring design**	**Bottom Shape**
PPPEX: Polypropylene needle felt, extended life, outside glazed PENF: Polyester needle felt, extended life, outside glazed	001: 1 µm 003: 3 µm 005: 5 µm 010: 10 µm 025: 25 µm 050: 50 µm 075: 75 µm 100: 100 µm 150: 150 µm 200: 200 µm	WS: Welded seam SE: Stitched seam	1: 0,25 m² Ø 180x420 mm 2: 0,5 m² Ø 180x820 mm 3: 0,09 m² Ø 100x230 mm 4: 0,15 m² Ø 100x380 mm 5: 0,25m² Ø 150x510 mm	P: Polypropylene Polysnap PE: Polyester Polysnap PS: Polypropylene Double seal (only size 5) ES: Polyester Double seal (only size 5) S: zinc plated steel ring ST: AISI 304 steel ring SU: AISI 316L steel ring	R: semi-circle V: triangle