

## Monofilament mesh filter bag LT-PPMO / LT-PEMO

### Features

- Manufactured of high quality Polypropylene or Polyester monofilament mesh
- Absolute retention rates
- Seam: high quality seam including stitched off sealing tape.
- Ring design: Polysnap ring (Polyester or Polypropylene), zinc coated or stainless steel
- Ring mounting: ultrasonic welding or stitched seam.
- FDA graded material
- Free of contamination like silicone, oil and grease
- Surface treated with heat. Fiber migration and extractable free.
- High tensile strength
- High flow rates, low pressure drop
- Special design available upon request
- Low disposal costs
- Broad chemical compatibilities



Monofilament mesh 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

### Technical data

Size	Filter area	Fineness	Operating temperature	Differential pressure	Flow rate
1 (Ø180x420mm)	0,25 m <sup>2</sup>	PPMO: 150 - 600 µm absolute (98%)	Polypropylene: max. 70°C Polyester with PE ring: max. 100°C Polyester with steel ring: max. 135°C	Exchange recommended at: 1 - max. 1,8 bar	10 - 20 m <sup>3</sup> /h
2 (Ø180x820mm)	0,50 m <sup>2</sup>				20 - 40 m <sup>3</sup> /h
3 (Ø100x230mm)	0,09 m <sup>2</sup>				5 - 6 m <sup>3</sup> /h
4 (Ø100x380mm)	0,15 m <sup>2</sup>	PEMO: 35 - 500 µm absolute (98%)			10 - 12 m <sup>3</sup> /h
5 (Ø150x510mm)	0,25 m <sup>2</sup>				10 - 20 m <sup>3</sup> /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-PPMO - 100 - SE - 2 - PE - R					
Filter material	Fineness	Seam design	Size	Ring design	Bottom Shape
PPMO: Polypropylene monofilament mesh	PPMO: 150: 150 µm 175: 175 µm 200: 200 µm	WS: Welded seam	1: 0,25 m <sup>2</sup> Ø 180x420 mm 2: 0,5 m <sup>2</sup>	P: Polypropylene Polysnap PE: Polyester Polysnap PS: Polypropylene Double seal (only size 5)	R: semi-circle V: triangle
PEMO: Polyester monofilament mesh	250: 250 µm 300: 300 µm 400: 400 µm 600: 600 µm	SE: Stitched seam	3: 0,09 m <sup>2</sup> Ø 180x820 mm 4: 0,15 m <sup>2</sup> Ø 100x230 mm 5: 0,25m <sup>2</sup> Ø 100x380 mm Ø 150x510 mm	ES: Polyester Double seal (only size 5) S: zinc plated steel ring ST: AISI 304 steel ring SU: AISI 316L steel ring	
	PEMO: 035: 035 µm 055: 055 µm 075: 075 µm 100: 100 µm 125: 125 µm 150: 150 µm 175: 175 µm 200: 200 µm 250: 250 µm 300: 300 µm 500: 500 µm				