

MULTIFILAMENT FILTER BAG

*Cost-effective
and reliable for surface area filtration*

PEMU series



Multifilament filter bags are suitable for surface filtration and available in a broad range of retention ratings. These filter bags remove effectively solid particles larger than the respective pore size, but not rated as absolute.

Applications

- Water treatment
- Paints and varnishes
- Lacquers
- Inks
- Resins
- Chemicals
- Solvents and many more

Features and benefits

- Constructed of multiple woven fibers that maximize filter bag strength at an economical cost
- Available with stainless steel ring adapts to any bag filter housing
- Material is free from craterforming substance (such as silicones etc.)¹

Filter specifications

Material

Polyester multifilament

Seal ring

Sewn stainless steel seal ring

Retention ratings

100, 125, 150, 175, 200 µm

Dimensions / Parameters

Sizes

01: Ø 178 x 420 mm

02: Ø 178 x 810 mm

Filter area

01: 0.24 m²

02: 0.48 m²

Max. differential pressure^{2*}

2.5 bar

Recommended change-out pressure drop for disposal^{3*}

≈ 0.8 to 1.5 bar

Maximum operating temperature

Polyester: < 140°C

Maximum flow rates^{4*}

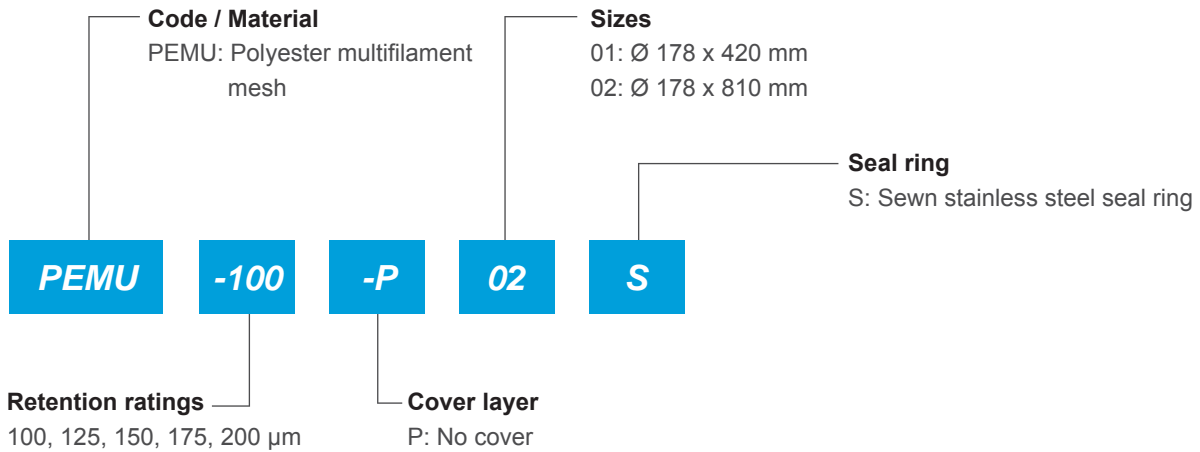
01: 20 m³/h

02: 40 m³/h

Retention ratings

Range	Code	Material	Retention ratings (µm)					Sizes		Max. operating temperature (°C)	Chemical compatibility				
			100	125	150	175	200	01	02		S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent
Polyester multifilament mesh filter bags	PEMU	Polyester multifilament mesh	■	■	■	■	■	■	■	< 140	○	■	○	×	■

Ordering information



1* Based upon accepted paint compatibility test
 2* Max. DP tested with basket in liquid filtration conditions
 3* Depending on customer's application requirements
 4* For fluids with a dynamic viscosity of 1 mPa·s @ 20 °C