

# MULTIFILAMENT FILTER BAG

*Cost-effective  
and reliable for surface area filtration*

**PEMU series**



*Feature Tec's 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.)<sup>1\*</sup>

## **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 m<sup>2</sup>

02: 0.48 m<sup>2</sup>

### **Max. differential pressure<sup>2\*</sup>**

2.5 bar

### **Recommended change-out pressure drop for disposal<sup>3\*</sup>**

≈ 0.8 to 1.5 bar

### **Maximum operating temperature**

Polyester: < 140°C

### **Recommended flow rates<sup>4\*</sup>**

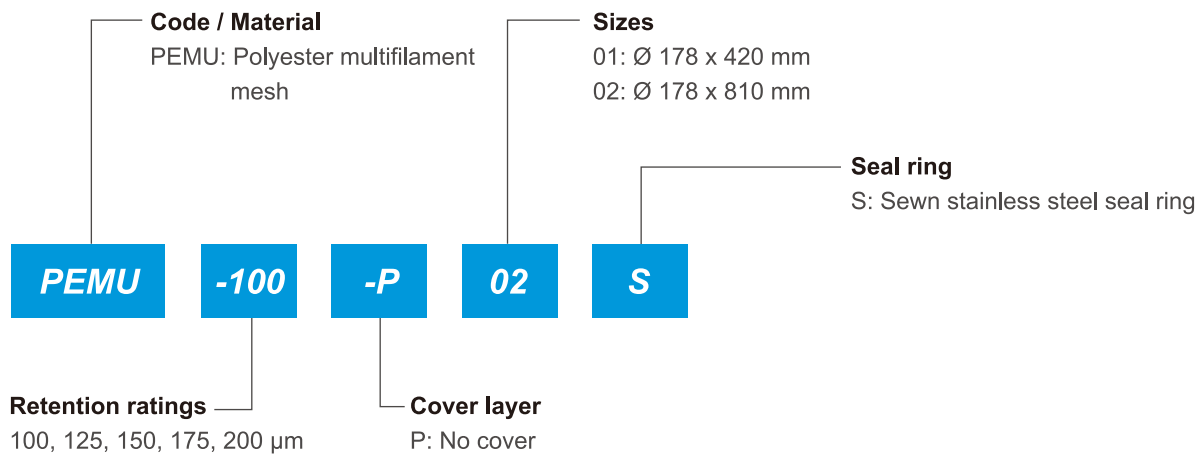
01: 20 m<sup>3</sup>/h

02: 40 m<sup>3</sup>/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

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