

# ABSOLUTE ACCURACY FILTER BAG

**SAH series**

*For high efficiency filtration*



*Feature Tec's Absolute Accuracy filter bags are manufactured from 100% pure polypropylene micro fibers, eliminating additives which can contaminate the filtrate. The extremely fine fiber structure provides high efficiency filtration. Polypropylene is by nature hydrophobic and oleophilic, which gives Absolute Accuracy filter bags the ability to separate and remove oils from aqueous solutions.*

## **Applications**

- Developing solutions
- Fine chemicals
- Industrial coatings
- Decoloring agents
- Inks
- Juice clarification
- Pharmaceuticals and many more

## **Features and benefits**

- Multi-layer construction with nearly absolute filtration efficiency
- Fully-welded and seamless construction provides bypass-free filtration
- Available with three different plastic seal rings (see photos 2<sup>nd</sup> page) adapts to any bag filter housing

- Material is free from craterforming substances (such as silicones etc.)<sup>1\*</sup>

## **Filter specifications**

### **Material**

Polypropylene melt-blown

### **Seal ring**

Welded plastic seal ring in polypropylene

### **Retention ratings**

0.2, 0.6, 1, 5, 10, 25 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**

Polypropylene: < 90 °C

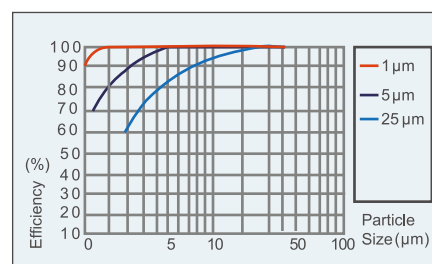
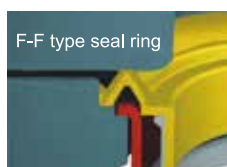
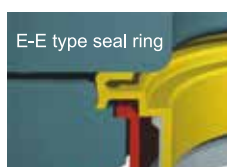
### **Recommended flow rates<sup>4\*</sup>**

01: 6 m<sup>3</sup>/h

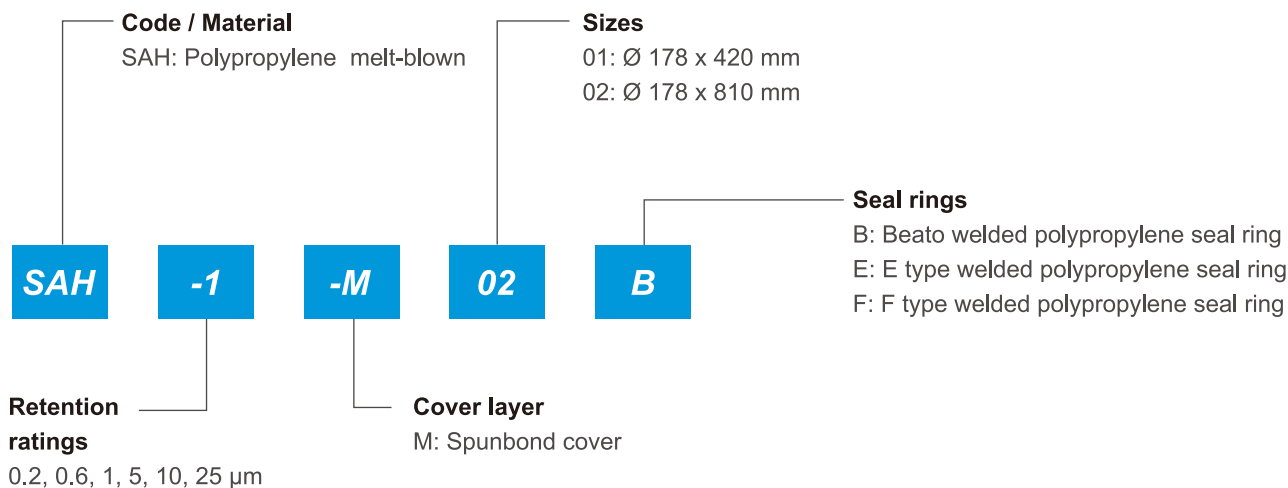
02: 12 m<sup>3</sup>/h

## Retention ratings

Range	Code	Material	Retention ratings (µm)					Sizes		Max. operating temperatures (°C)	Chemical compatibility					
			0.2	0.6	1	5	10	25	01		02	S.Acid	W.Acid	W.Alkali	S.Alkali	Solvent
Absolute Accuracy filter bags	SAH	Polypropylene melt-blown	■	■	■	■	■	■	■	■	< 90	■	■	■	■	×



## 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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