

HIGH PERFORMANCE FILTER BAG

For high efficiency filtration and oil adsorption

OAH / OAS series



Feature-Tec's high performance filter bags are manufactured from meltblown polypropylene. The high precision, ultra-fine polypropylene fibers have a large adsorption surface, providing excellent results in removing even traces of oil from aqueous solutions. The combination of high efficiency and oil adsorption is perfect for a wide range of applications.

Applications

- Chemicals
- Coatings
- Decoloring agents
- Electrophoretic paints
- Copper foil production
- Boiler condensate
- Syrups
- Food & beverages and many more

Features and benefits

- Available with three different plastic seal rings (see photos 2nd page) and stainless steel ring adapts to any bag filter housing
- OAS (standard) or OAH (long-life) selectable per customer's actual operating environment

- Efficiency > 90% ensures high-performance filtration (OAH only)
OAS series is nominal rated
- High dirt-holding capacity and excellent oil removal
Material is free from craterforming
- substances (such as silicones etc.)^{1*}

Filter specifications

Materials

Polypropylene melt-blown

Seal rings

Welded plastic seal rings in

polypropylene

Sewn stainless steel seal ring

Retention ratings

1, 5, 10, 25, 50 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

Polypropylene: < 90 °C

Recommended flow rates^{4*}

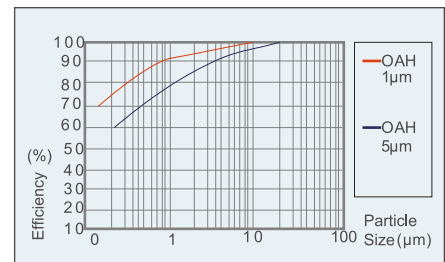
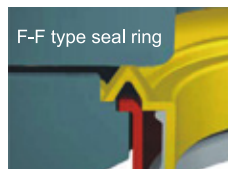
01: 8 m³/h

02: 15 m³/h

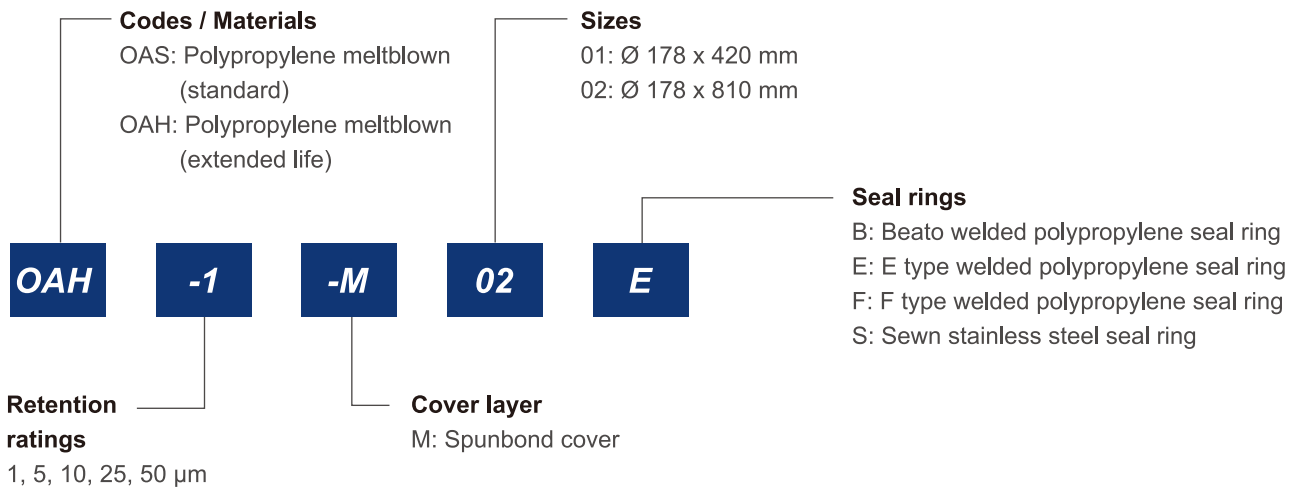
■ High Performance Filter Bag Range

Retention ratings

Range	Codes	Materials	Retention ratings (µm)					Sizes		Max. operating temperatures (°C)	Chemical compatibility				
			1	5	10	25	50	01	02		S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent
High performance filter bag	OAS	Polypropylene melt-blown(standard)	■	■	■	■	■	■	■	< 90	■	■	■	■	×
	OAH	Polypropylene melt-blown(extended life)	■	■	■	■	■	■	■	< 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

