

MONOFILAMENT FILTER BAG

Suitable for surface area filtration

NMO series



Feature Tec's monofilament 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.

Applications

- Automotive coating and degreasing systems
- Cutting solution
- Resins
- Chemicals
- Solvents
- Recycled water and many more

Features and benefits

- Heat-stabilized mesh resists deformation
- Reinforced side seams to prevent liquid bypass through needle holes (only for filtration rating $\leq 125 \mu\text{m}$ bag)
- Available with three different plastic seal rings (see photos 2nd page) and stainless steel rings adapts to any bag filter housing

- Material is free from craterforming substances (such as silicones etc.)¹⁾

Filter specifications

Material

Nylon monofilament

Seal ring

Welded plastic seal rings in polypropylene

Sewn stainless steel seal ring

Retention ratings

5, 10, 25, 50, 75, 100, 125, 150, 175, 200, 250, 300, 400, 600, 800, 1000, 1250 μm

Dimensions / Parameters

Sizes

01: \varnothing 178 x 420 mm
 02: \varnothing 178 x 810 mm
 03: \varnothing 102 x 230 mm
 04: \varnothing 102 x 410 mm

Filter area

01: 0.24 m² 02: 0.48 m²
 03: 0.08 m² 04: 0.16 m²

Max. differential pressure²⁾

2.5 bar

Recommended change-out pressure drop for disposal³⁾

\approx 0.8 to 1.5 bar

Maximum operating temperature

Nylon: < 170 °C

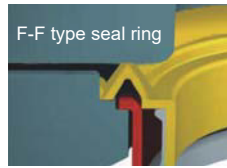
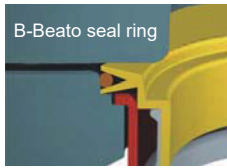
Recommended flow rates⁴⁾

01: 20 m³/h 02: 40 m³/h
 03: 6 m³/h 04: 12 m³/h

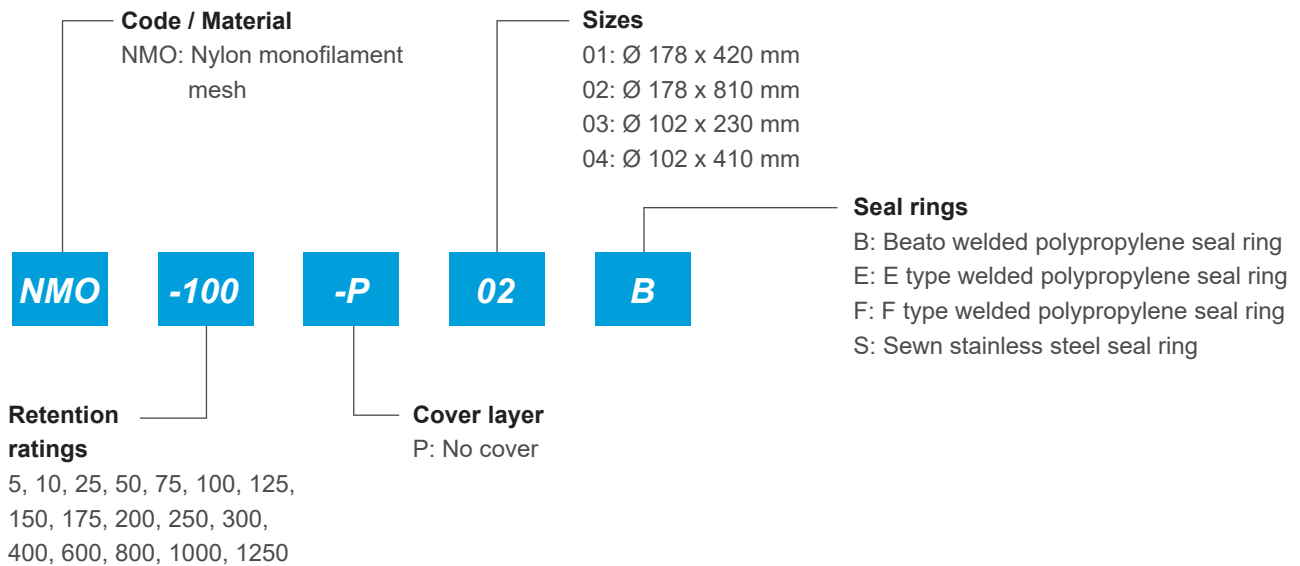
■ Monofilament Filter Bag Range

Retention ratings

Range	Code	Material	Retention ratings (µm)															Sizes				Max. operating temperature (°C)	Chemical compatibility							
			5	10	25	50	75	100	125	150	175	200	250	300	400	600	800	1000	1250	01	02		03	04	S. Acid	W. Acid	W. Alkali	S. Alkali	Solvent	
Nylon monofilament mesh filter bags	NMO	Nylon monofilament mesh	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	< 170	×	○	■	■	■



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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