



Fully-welded SENTINEL needle felt filter bags of the MAXPO range with additional internal prefilter

Eaton's SENTINEL filter bags of the MAXPO range are suitable for a wide range of applications such as the filtration of paints and varnishes, inks, chemicals, process water and many more.

SENTINEL filter bags from the MAXPO range combine superior particle removal with oil absorption. They are available in polypropylene needle felt material.

Features and benefits

- Fully-welded needle felt outer layer and SENTINEL seal ring unite optimal particle removal and ease of use
 - An inner open meltblown polypropylene core provides additional capacity and significant oil absorption capabilities
 - The pressure-activated SENTINEL seal ring provides a flexible, chemically resistant seal which adapts to any bag filter housing
 - Material is free from silicone and crater-forming substances¹
- Individually packaged
 - Special surface treatment significantly reduces fiber release
 - Stable and flexible welded seams that adapt to the restrainer basket
 - The handles in the ring make replacing the filter bag quick and easy

Filter specifications

Material
Polypropylene needle felt with meltblown inner core

Seal ring
Welded polypropylene SENTINEL seal ring

Retention ratings
1, 5, 10, 25, 50, 100, 200 µm

Dimensions/Parameters

Size
02: Ø 180 x 810 mm L

Filter area
02: 0.48 m²

Max. operating temperature
Polypropylene: 90°C

Max. differential pressure
2.5 bar

Recommended change-out pressure for disposal²
0.8–1.5 bar

Max. flow rate³
02: 20 m³/h



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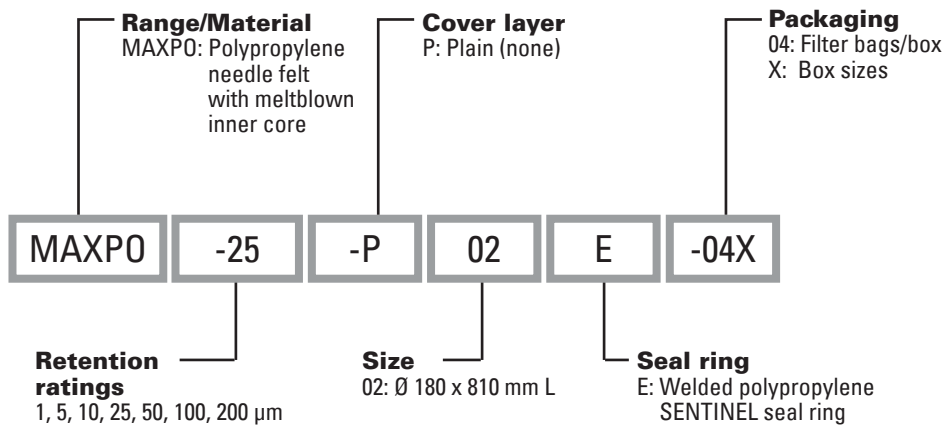
SENTINEL Filter Bags, MAXPO Range



Inner oil absorption core

- Open construction for low differential pressure
- Provides additional dirt-holding capacity
- Pure polypropylene meltblown fiber matrix for optimal oil absorption

Ordering information



¹ Based on an accepted paint compatibility test (see document QUC-STA-10).

² Depending on the respective application requirements.

³ For liquids with a dynamic viscosity of 1 mPa·s @ 20°C.

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EF-FTB-08
04-2024