MAX-LOAD™ Filter Bag Range

Pleated Filter Bags Manufactured from Extended-Life Needle Felt

"Eaton's MAX-LOAD extended-life pleated filter bags are suitable for a wide range of applications, such as water treatment, chemicals, paints and varnishes, petrochemicals, metal cleaning and many more."

MAX-LOAD pleated filter bags are manufactured from nominal rated polypropylene or polyester extended-life needle felt. The exceptional construction increases the filter bags dirt-holding capacity and lifetime by up to ten times more than standard needle felt filter bags.

Features and Benefits

- Increases dirt-holding capacity by up to a factor of ten compared to a similar size standard needle felt filter bag[1] [1.5 lbs (700 g) per filter bag, size 02]
- Lowers maintenance costs due to a longer lifetime
- Fits into all Eaton standard size 01 and size 02 restrainer baskets
- Special surface treatment virtually eliminates fiber migration
- Material does not contain crater-forming substances[2]
- Patented SENTINEL® seal ring provides 100% bypass-free filtration
- The pressure-activated SENTINEL seal ring provides a flexible, chemically resistant seal which adapts to any bag filter housing

Filter Specifications

Materials
Extended-life needle felt
polypropylene or polyester

Seal rings
Polypropylene or polyester
SENTINEL seal ring

Retention ratings
1, 5, 10, 25, 50 µm

Dimensions/Parameters

Sizes
01: Ø 7 x 14" L (180 x 345 mm)
02: Ø 7 x 29" L (180 x 730 mm)

Filter area
01: 8.6 ft² (0.8 m²)
02: 17.2 ft² (1.6 m²)

Max. operating temperature
Polypropylene: 194 °F (90 °C)
Polyester: 275 °F (135 °C)

Max. differential pressure
36.2 psi (2.5 bar)

Recommended change-out pressure for disposal[3]
11.6 – 21.7 psi (0.8 – 1.5 bar)

Max. flow rates[4]
01: 44 GPM (10 m³/h)
02: 88 GPM (20 m³/h)

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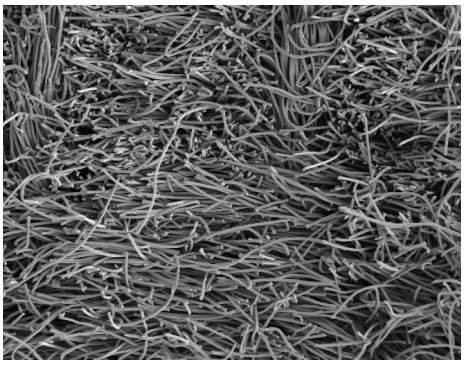
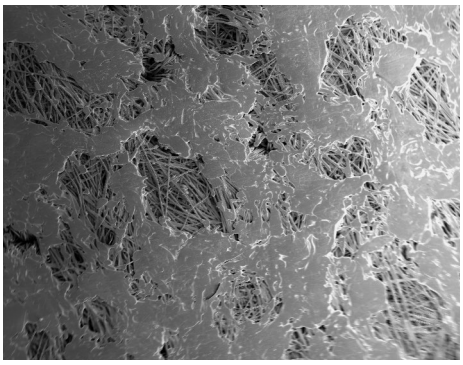
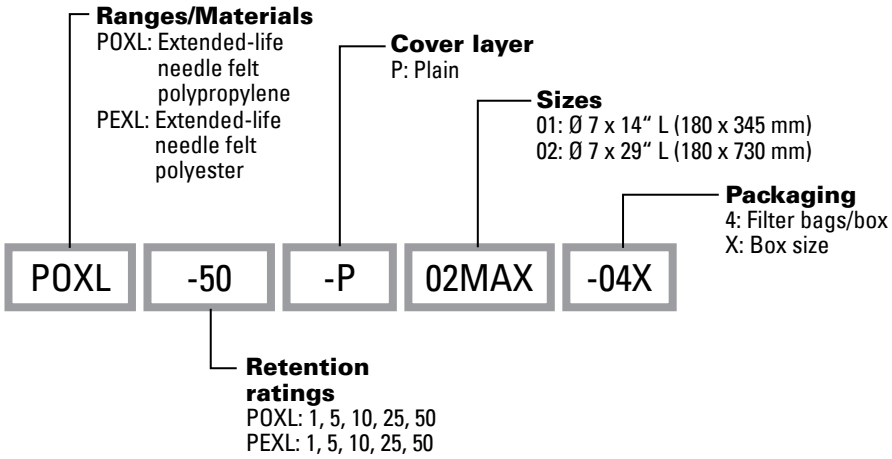


Extended-life needle felt in comparison to standard needle felt
- Finer fibers
- Greater porosity
- Thicker media



Surface of a MAX-LOAD pleated filter bag
- Glazed finish binds loose fibers on the surface
- Full flow through surface channels

Ordering Information



[1] Based on internal lab tests.
[2] Based on an accepted paint compatibility test (see document QUC-STA-10).
[3] Depending on the respective application requirements.
[4] For liquids with a dynamic viscosity of 1 mPa·s @ 68 °F (20 °C).

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Visit us online at eaton.com/filtration for a complete list of Eaton's filtration products

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