



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 bag¹ [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 substances²
- 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 disposal³

11.6 – 21.7 psi (0.8 – 1.5 bar)

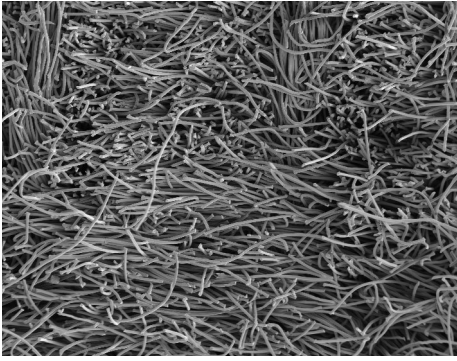
Max. flow rates⁴

01: 44 GPM (10 m³/h)
02: 88 GPM (20 m³/h)



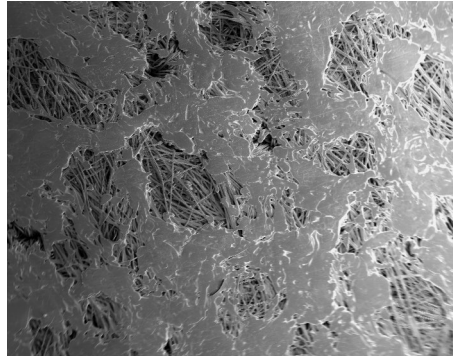
Powering Business Worldwide





Extended-life needle felt in comparison to standard needle felt

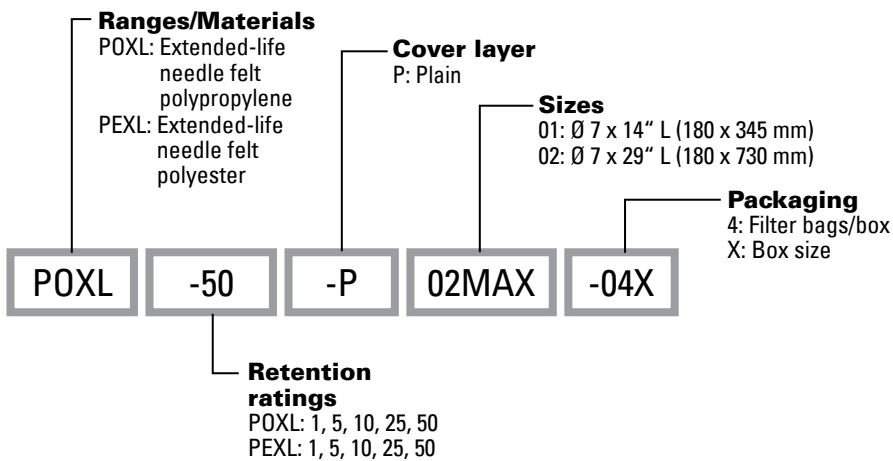
- Finer fibers
- Greater porosity
- Thicker media



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).

North America

44 Apple Street,
 Tinton Falls, NJ 07724
 Toll Free: 800 656-3344
 (North America only)
 Voice: +1 732 212-4700

Europe/Africa/Middle East

Voice: +49 2486 809-0

Brazil

Voice: +55 11 2465 8822

China

Voice: +86 21 5200 0422

Singapore

Voice: +65 6825 1668

For more information, please e-mail us at filtration@eaton.com

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

© 2014 Eaton Corporation. All rights reserved. All trademarks and registered trademarks are the property of their respective owners.

All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.