



## 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 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<sup>1</sup> (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 is free from silicone and crater-forming substances<sup>2</sup>
- 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 polyester

#### Seal rings

Polyester SENTINEL seal ring

#### Retention ratings

1, 5, 10, 25, 50 µm

### Dimensions/Parameters

#### Sizes

01: Ø 180 x 345 mm L  
02: Ø 180 x 730 mm L

#### Filter area

01: 0.8 m<sup>2</sup>  
02: 1.6 m<sup>2</sup>

#### Max. operating temperature

Polyester: 135 °C

#### Max. differential pressure

2.5 bar

#### Recommended change-out pressure for disposal<sup>3</sup>

0.8 – 1.5 bar

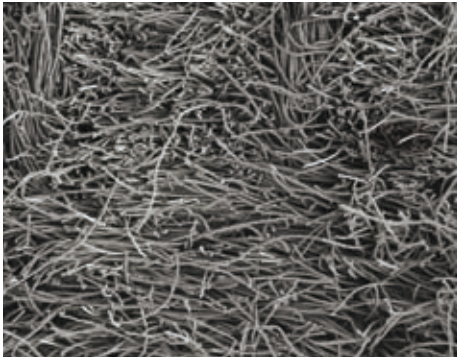
#### Max. flow rates<sup>4</sup>

01: 10 m<sup>3</sup>/h  
02: 20 m<sup>3</sup>/h



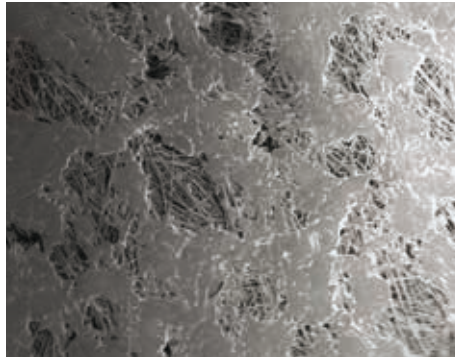
Powering Business Worldwide

# MAX-LOAD Pleated Filter Bag Range



## Extended-life needle felt in comparison to standard needle felt

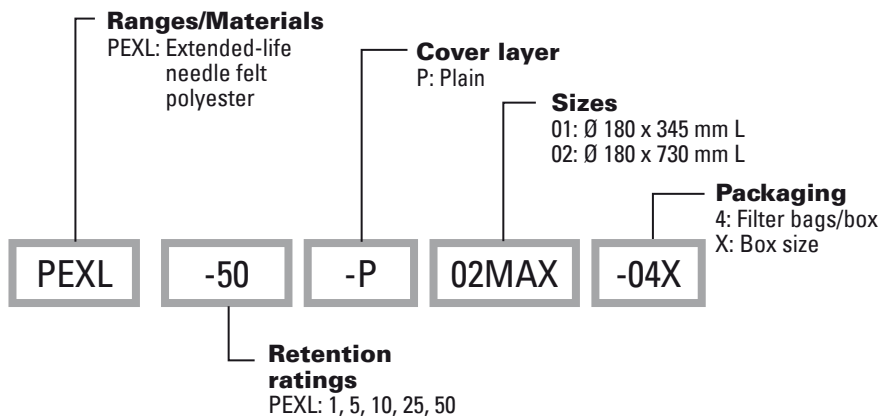
- Finer fibers
- Greater porosity
- Thicker media



## Surface of a MAX-LOAD pleated filter bag

- Glazed finish binds loose fibers on the surface
- Full flow through surface channels

## Ordering information



<sup>1</sup> Based on internal lab tests.

<sup>2</sup> Based on an accepted paint compatibility test (see document QUC-STA-10).

<sup>3</sup> Depending on the respective application requirements.

<sup>4</sup> For liquids with a dynamic viscosity of 1 mPa·s @ 20 °C.

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

**Europe/Africa/Middle East**  
Auf der Heide 2  
53947 Nettersheim, Germany  
Tel: +49 2486 809-0

Friedensstraße 41  
68804 Altlußheim, Germany  
Tel: +49 6205 2094-0  
An den Nahewiesen 24  
55450 Langenlonsheim, Germany  
Tel: +49 6704 204-0

**China**  
No. 3, Lane 280,  
Linhong Road  
Changning District, 200335  
Shanghai, P.R. China  
Tel: +86 21 5200-0099

**Singapore**  
100G Pasir Panjang Road #07-08  
Singapore 118523  
Tel: +65 6825-1668

**Brazil**  
Rua Clark, 2061 - Macuco  
13279-400 - Valinhos, Brazil  
Tel: +55 11 3616-8400

**For more information, please email us at [filtration@eaton.com](mailto:filtration@eaton.com) or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)**

© 2019 Eaton. 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.

EN  
EF-FTB-18  
01-2019