



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 bag¹ (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 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 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 m²
02: 1.6 m²

Max. operating temperature

Polyester: 135 °C

Max. differential pressure

2.5 bar

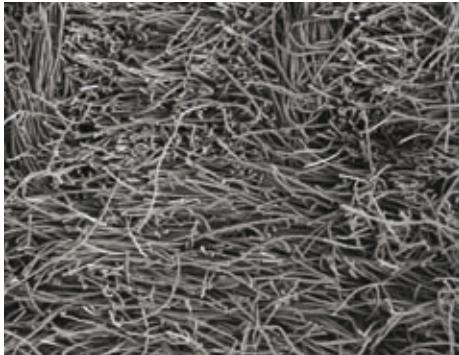
Recommended change-out pressure for disposal³

0.8 – 1.5 bar

Max. flow rates⁴

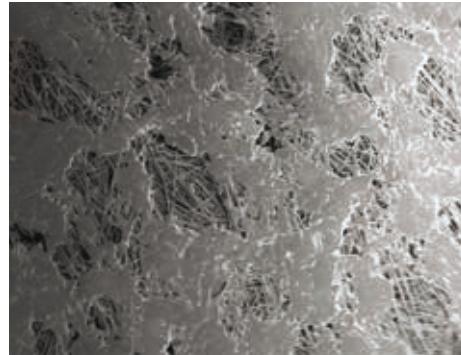
01: 10 m³/h
02: 20 m³/h

MAX-LOAD Pleated Filter Bag Range



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

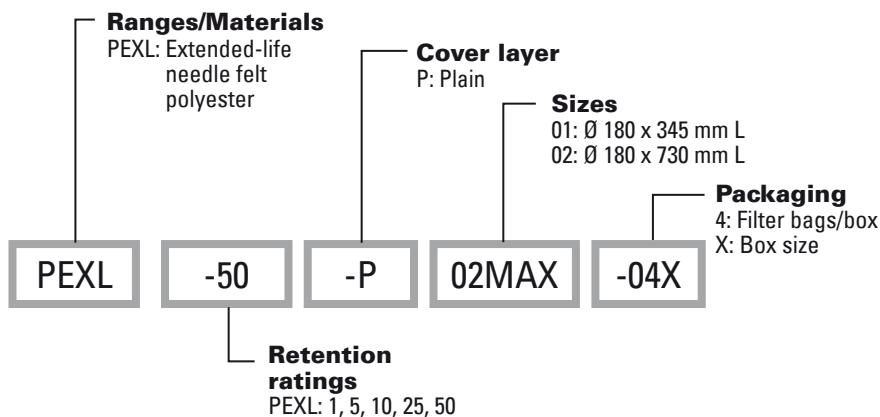
- Finer fibers
- Greater porosity
- Thicker media



**Surface of a MAX-LOAD pleated
filter bag**

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

Ordering information



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 @ 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 Altlüssheim, 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, PR. 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
or visit www.eaton.com/filtration**

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