



Thermobonded pleated filter bag with increased dirt-holding capacity

Eaton's MAX-LOAD extended life thermobonded pleated filter bags offer solutions to a wide range of applications requiring dramatically increased capacity applicable in all industrial processes.

MAX-LOAD pleated filter bags are manufactured from nominal rated extended-life needle felt filter media. The pleated media construction combined with the filter media results in up to 10 times increased dirt-holding capacity compared to similar sized standard needle felt.

Features and benefits

- Pleated media structure allows for 4 times more surface area compared to a similar size standard filter bags in the same bag housing
- Available in polypropylene with matching end caps and seal rings to cover most processing conditions
- Thermo-bonded end caps provide a strong, bypass-free and seamless construction
- Extended-life needle felt filter media can cover a wide range of filtration needs

- Fits in all Eaton standard size 01 and 02 restrainer baskets
- Produced according to Eaton's silicon-free process¹
- Patented SENTINEL® seal ring provides bypass-free filtration
- Outer cage structure provides additional support against harsh conditions

Filter specifications

Materials
Needle felt (POXL):
Polypropylene

Seal rings
SENTINEL seal ring with end caps in polypropylene and polyester copolymer

Retention ratings
1, 5, 10, 25 and 50 µm nominal

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

Polypropylene: 90 °C

Max. differential pressure

2.5 bar

Recommended change-out pressure for disposal²

0.8 – 1.5 bar

Max. flow rates³

01: 10 m³/h
02: 20 m³/h



Powering Business Worldwide

MAX-LOAD Pleated Filter Bag Range



Strong cage supports the filter element during harsh conditions

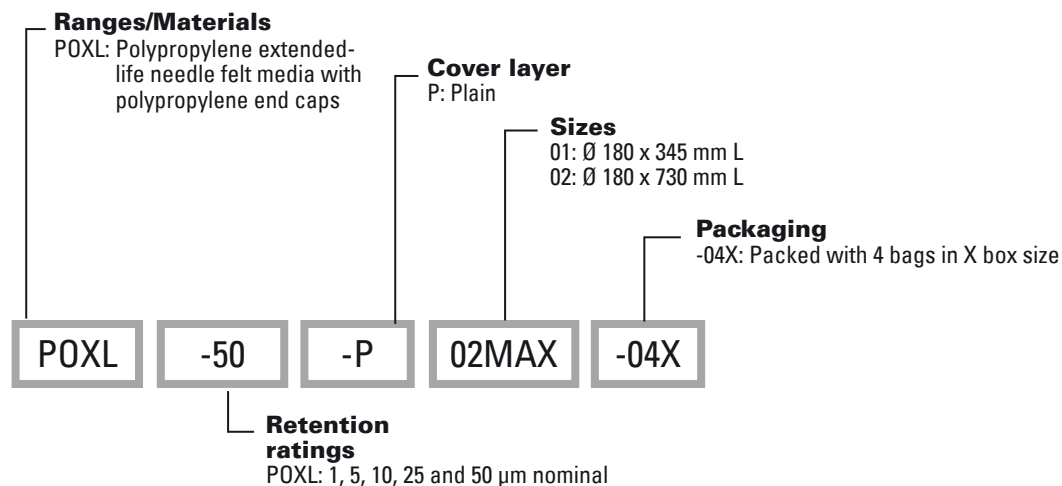


Pleated structure with extended-life media provides vastly increased dirt-holding capacity



Bypass-free sealing through SENTINEL seal ring

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.

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

Greater China
No. 7, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

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

Asia-Pacific
100G Pasir Panjang Road
#07-08 Interlocal Centre
Singapore 118523
Tel: +65 6825-1668

An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

**For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration**

© 2021 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-22
10-2021

