

Up to 65% more filter area in a compact, easy-to-use filter element

Eaton's HAYFLOW filter elements are suitable for a wide range of applications such as paints, lacquers, inks, dispersing agents, resins, water purifying systems, solvents, lubricants and liquids used in metal processing, detergents containing solvents and water in metal washing installations, drinking water, beer, wine, edible oil and many more.

Eaton combines the benefits of a filter bag with those of a filter cartridge into a new, rugged filter element with optimum filtration performance. The filter area of HAYFLOW filter elements is up to 65% larger compared to a standard filter bag. Extended service life and long intervals between filter change-outs lead to reduced operating costs.

Features and benefits

- Higher flow rates reduces the size of bag filter housings by up to 50% and lowers the initial costs of the filtration system
- Extended service life is up to five times longer compared to standard filter bags
- Up to 35 times more effective than standard filter cartridges
- Long intervals between filter element change-outs reduces operating costs
- Contains only 25% of residual liquid compared to filter bags of similar size

- Patented SENTINEL® seal ring prevents liquid bypass for safe filtration
- Low differential pressure results in less energy consumption of
- Simple to insert into existing bag filter housings with new HAYFLOW restrainer basket
- Easy element change-out
- Material is free from silicone and crater-forming substances1
- Eaton strongly recommends the use of an insertion tool that facilitates the insertion of the filter element into the bag filter housing and ensures the correct alignment of the filter element inside the HAYFLOW restrainer basket

Filter specifications

Materials

POXL, PEXL: Extended-life needle felt polypropylene or polyester LCR-128: Melt-blown polypropylene

Seal rings

Welded polypropylene or polyester SENTINEL seal ring and bottom

Retention ratings

POXL, PEXL: 1, 5, 10, 25, 50, 100 μm LCR-128: 37 µm @ >95% efficiency2 POXL, PEXL: nominal efficiency

Dimensions/Parameters

02: Ø 7 x 28" L (180 x 700 mm)

Filter area

02: 7.5 ft2 (0.7 m2)

Max. operating temperatures

Polypropylene: 194 °F (90 °C) Polyester: 302 °F (150 °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

POXL, PEXL: 02: 176 GPM (40 m3/h) LCR-128: 02: 110 GPM (25 m3/h)



How the HAYFLOW filter element works



Internal view of filter element



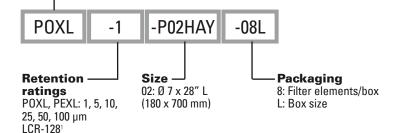
Filter element from an e-coat tank filtration after being in service for eleven weeks



Ordering information

Ranges/Materials

POXL: Extended-life needle felt polypropylene PEXL: Extended-life needle felt polyester LCR: Melt-blown polypropylene



Easy installation of HAYFLOW filter elements into existing bag filter housings





North America

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

Furone/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

Greater China

No. 7, Lane 280, Linhong Road Changning District, 200335 Shanghai, P.R. China Tel: +86 21 2899-3687

Asia-Pacific 100G Pasir Panjang Road #07-08 Interlocal Centre Singapore 118523 Tel: +65 6825-1620

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

© 2023 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 infor mation 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.

US EF-FTB-12 07-2023





¹ Based on an accepted paint compatibility test (see document QUC-STA-10).

² Reference values based on single pass tests in ambient lab conditions with ISO test dust in water at 44 GPM (10 m³/h)/size 02.

³ Depending on the respective application requirements.

⁴ For liquids with a dynamic viscosity of 1 mPa·s @ 68 °F (20 °C).