

High capacity extended-life needle felt with ultrafine nylon mesh cover layer

Eaton's HAYFLOW Q filter elements are suitable for a wide range of applications such as automotive washing and rinsing lines, paints, coatings, inks, dispersions, resins, water and waste water treatment, lubricants and metalworking fluids, aqueous and solvent based cleaners in parts washing equipment and many more.

HAYFLOW Q filter elements are a combination of proven DURAGAF extended-life filter material with precise nylon-monofilament woven material. While the DURAGAF extended-life filter material works as a high capacity pre- and depth filter, the outer mesh covers the needle felt and provides a final filter retention rating at 10 µm.

Features and Benefits

- Applicable for highly intermittent operating conditions and continuous demand
- Long intervals between filter element change-outs (up to five times in comparison with standard needle felt filter bags)
- High capacity depth filtration with an *absolute* particulate efficiency and fiber release retention through the high purity cover layer
- *Absolute* particulate efficiency combined with high dirt-holding capacity

- Fully-welded construction with patented SENTINEL® seal ring provides 100% bypass-free filtration
- Material is free from silicone and crater-forming substances¹

Filter Specifications

Materials

Extended-life needle felt polypropylene or polyester

Cover layer

Nylon-monofilament mesh 10 µm

Seal rings

Welded polypropylene or polyester SENTINEL seal ring and bottom ring

Retention ratings

1, 5, 10, 25 µm

Dimensions/Parameters

Size

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 disposal²

11.6 – 21.7 psi (0.8 – 1.5 bar)

Max. flow rates³

02: 132 GPM (30 m³/h)



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HAYFLOW Q Filter Element Range

Required Tools



Restrainer basket
BKT-AS-02-HAYFLOW
(F671224A)

A new restrainer basket is required. The bridge on top in combination with the extraction tool AH-HAYFLOW (F670844A) allows easy basket removal.



Insertion tool
BLK-HAYFLOW (F670843A)

Ensures a perfect fit into the re-strainer basket. Remove before closing the bag filter housing.

Additional, Recommended Tools



Deflector without magnets
DEF-02-HAYFLOW (F671280)
Deflector with magnets
DEF-MG-02-HAYFLOW (F672551)

Deflector device is used as an insertion tool, but remains inside the filter element during filtration. The center cap protects the inner sleeve top section against abrasive flow stream.



LOFNETIC magnet bars
LOFNET-3BAR-02-HAYFLOW (F671131)

The magnetic bars support the retention of magnetic particles and can also be used as an insertion tool that remains in the filter element during filtration.



Extraction tool
AH-HAYFLOW (F670844A)

Ensures easy and safe removal of the filter element.

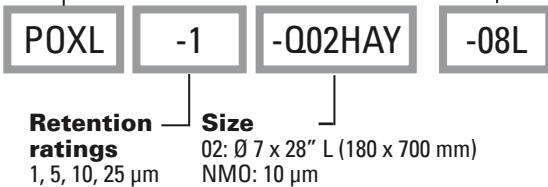
Ordering Information

Ranges/Materials

POXL: Extended-life needle felt polypropylene
PEXL: Extended-life needle felt polyester

Packaging

8: Filter elements/box
L: Box size



Other material combinations and sizes available.

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 @ 68 °F (20 °C).

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