



Coreless melt-blown filter bag

Eaton's MAX-LOAD coreless filter bags with melt-blown media offer solutions to a wide range of applications, such as water treatment, bulk and fine chemicals, metal cleaning and many more.

MAX-LOAD coreless filter bags are manufactured from melt-blown media. Combined in a multi-graded configuration they provide an excellent dirt holding capacity. The rigid structure with a total media depth greater than 18 mm, provides a barrier to hard and metallic as well as deformable gel-type contaminants.

Features and benefits

- Rigid graded media structure with a total depth greater than 18 mm
- Available in polypropylene and polyester with matching end caps and seal rings to cover most processing conditions
- Fits in all Eaton standard size O1 and O2 restrainer baskets
- Produced through silicon-free process and procedure¹
- Patented SENTINEL® seal ring provides bypass-free filtration

- Thermobonded endcaps provide a strong, bypass-free and a seamless construction
- Outer seamless spunbond cover structure limits fiber migration to a bare minimum
- Optionally available with additional polyamide 6.6 outer mesh cover in 10 µm for extra safety in highly intermittent operating conditions

Filter specifications

Materials

Polypropylene or polyester melt-blown media

Seal rings

SENTINEL ring with endcaps in polypropylene or polyester copolymer

Retention ratings

1, 5, 10, 20, 50, 100 and 150 µm

Dimensions/Parameters

Sizes

O1: Ø 180 x 345 mm L
O2: Ø 180 x 730 mm L

Filter area

O1: 0.15 m²
O2: 0.30 m²

Max. operating temperature

Polypropylene: 90 °C
Polyester: 135 °C

Max. differential pressure

2.5 bar

Recommended change-out pressure for disposal²

0.8 – 1.5 bar

Max. flow rates³

O1: 12.5 m³/h
O2: 25.0 m³/h

FDA/EC conformity

All polypropylene or polyester materials used in manufacturing comply with the regulations of the Food and Drug Administration (FDA), title 21 of the Code of Federal Regulations Section 177, and EC Regulations 1935/2004 and EC Directive 10/2011, as applicable for food and beverage contact.



Powering Business Worldwide

MAX-LOAD Coreless Filter Bag Range



Endless fiber structure limits fiber migration at a bare minimum



Graded media structure yields gradual loading

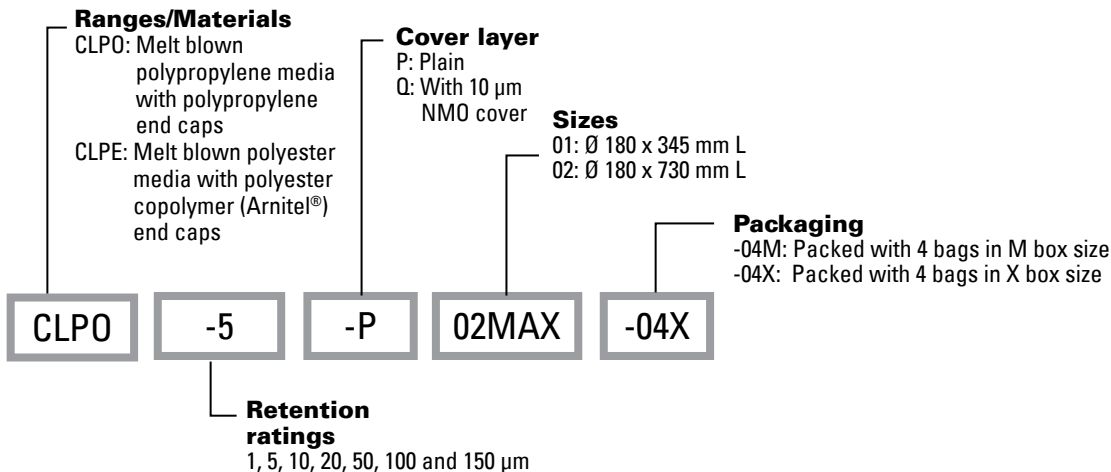


Optional polyamide 6.6 mesh cover in 10 µm forms a protective outer shield



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.

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