

## MAX-LOAD™ Coreless Filter Bag Range



### 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 0.7" (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 0.7" (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 01 and 02 restrainer baskets
- Produced through silicon-free process and procedure<sup>1</sup>
- 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

01: Ø 7 x 14" L (180 x 345 mm)  
02: Ø 7 x 29" L (180 x 730 mm)

##### Filter area

01: 1.6 ft<sup>2</sup> (0.15 m<sup>2</sup>)  
02: 3.2 ft<sup>2</sup> (0.30 m<sup>2</sup>)

##### Max. operating temperature

Polypropylene: 194 °F (90 °C)  
Polyester: 275 °F (135 °C)

##### Max. differential pressure

36.2 psi (2.5 bar)

##### Recommended change-out pressure for disposal<sup>2</sup>

11.06 - 21.7 psi (0.8 - 1.5 bar)

##### Max. flow rates<sup>3</sup>

01: 55 GPM (12.5 m<sup>3</sup>/h)  
02: 110 GPM (25.0 m<sup>3</sup>/h)

#### FDA/EC conformity

All polypropylene 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.

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**Endless fiber structure limits fiber migration at a bare minimum**



**Graded media structure yields gradual loading**

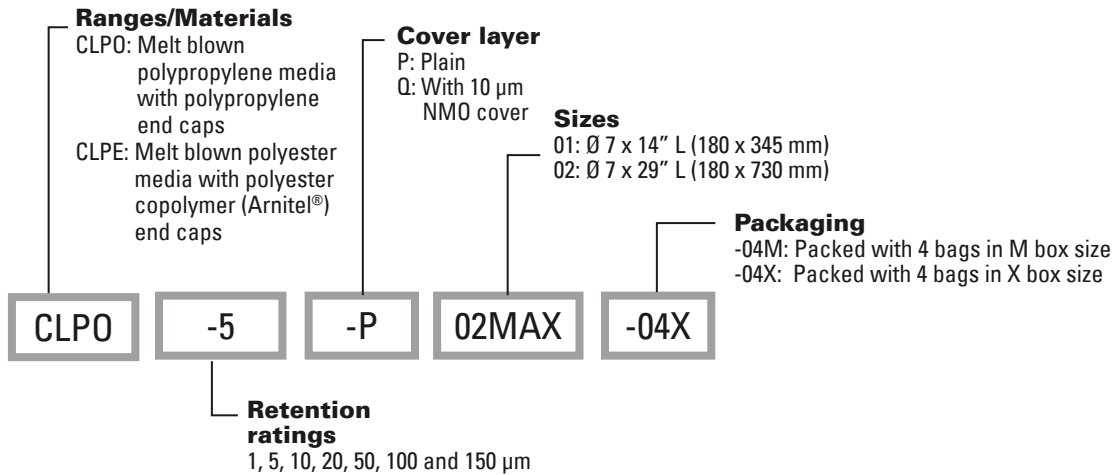


**Optional polyamide 6.6 mesh cover in 10 µm forms a protective outer shield**



**Bypass-free sealing through SENTINEL seal ring**

## Ordering information



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

<sup>2</sup> Depending on the respective application requirements.

<sup>3</sup> For liquids with a dynamic viscosity of 1 mPa·s @ 68 °F (20 °C).