



## 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 process<sup>1</sup>
- 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 7 x 14" L (180 x 345 mm)  
02: Ø 7 x 29" L (180 x 730 mm)

#### Filter area

01: 8.6 ft<sup>2</sup> (0.8 m<sup>2</sup>)  
02: 17.2 ft<sup>2</sup> (1.6 m<sup>2</sup>)

#### Max. operating temperature

Polypropylene: 190 °F (90 °C)

#### Max. differential pressure

36.2 psi (2.5 bar)

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

11.6 – 21.7 psi (0.8 – 1.5 bar)

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

01: 44 GPM (10 m<sup>3</sup>/h)  
02: 88 GPM (20 m<sup>3</sup>/h)



Powering Business Worldwide

# MAX-LOAD Pleated Filter Bag Range



**Strong cage supports the filter element during harsh conditions**

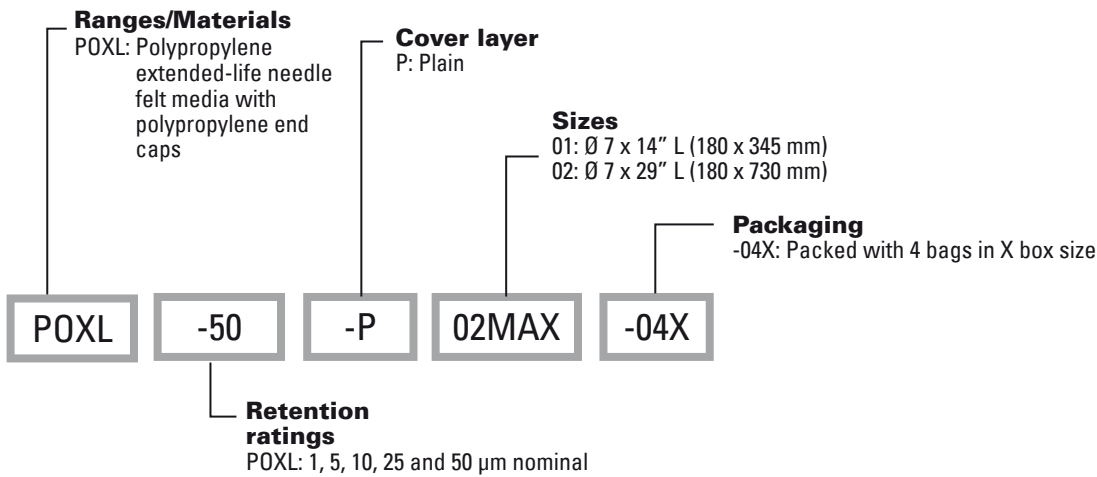


**Pleated structure with extended-life media provides vastly increased dirt-holding capacity**



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

## Ordering information



<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).

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