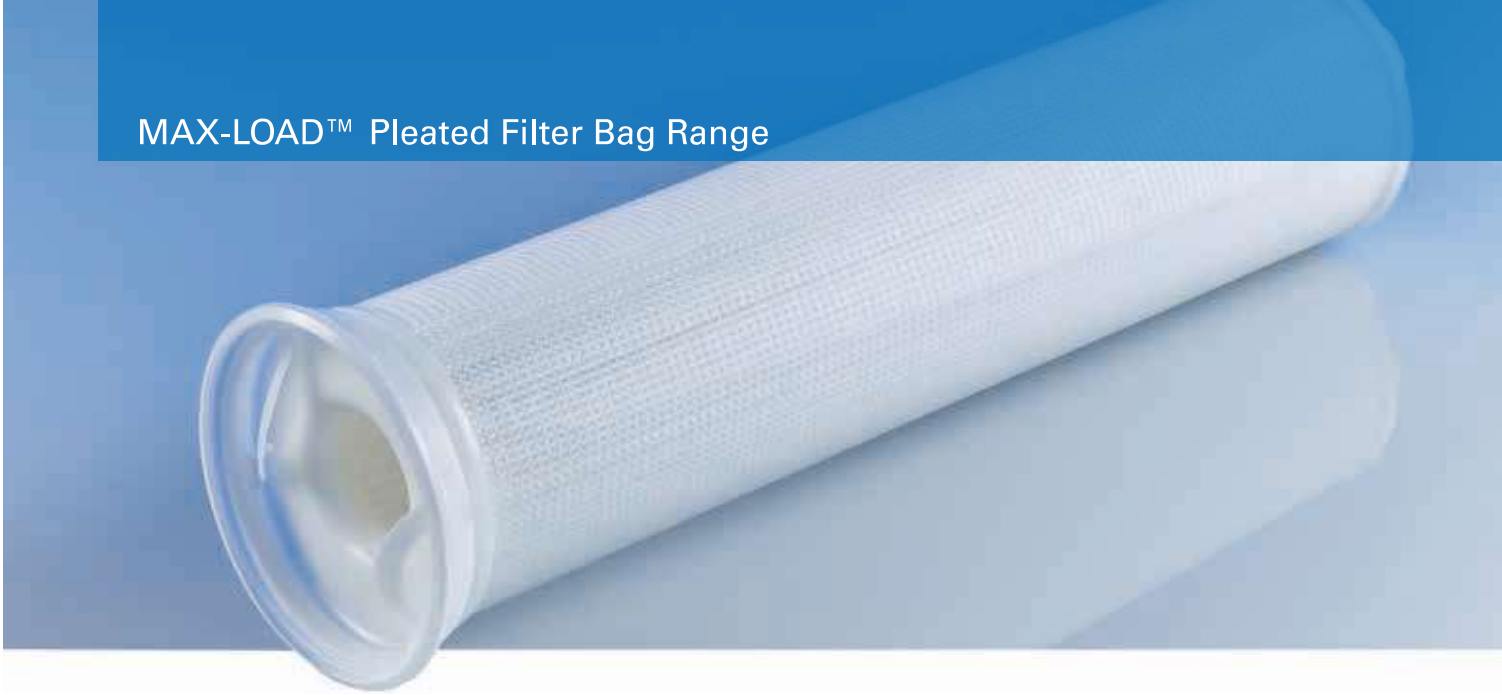
MAX-LOAD™ Pleated Filter Bag Range



Thermobonded pleated filter bag with increased dirt-holding capacity

Eaton's MAX-LOAD extended life thermo-bonded 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[1]
- 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 ft² (0.8 m²)
02: 17.2 ft² (1.6 m²)

Max. operating temperature
Polypropylene: 190 °F (90 °C)

Max. differential pressure
36.2 psi (2.5 bar)

Recommended change-out pressure for disposal[2]
11.6 – 21.7 psi (0.8 – 1.5 bar)

Max. flow rates[3]
01: 44 GPM (10 m³/h)
02: 88 GPM (20 m³/h)

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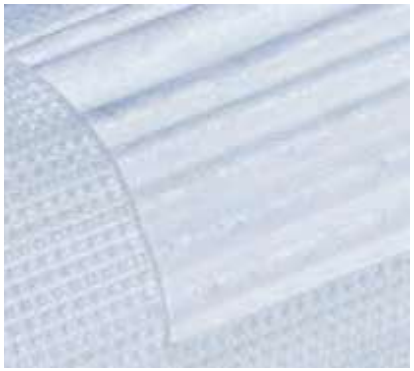
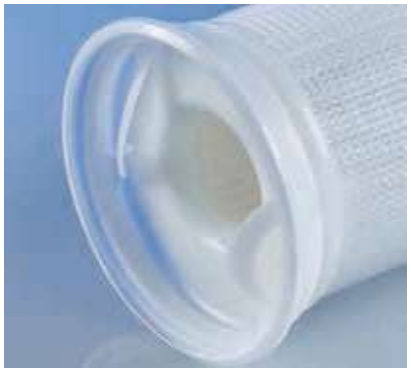
Strong cage supports the filter element during harsh conditions



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



Bypass-free sealing through SENTINEL seal ring

Ordering information

Ranges/Materials
POXL: Polypropylene extended-life needle felt media with polypropylene end caps

Cover layer
P: Plain

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

Packaging
-04X: Packed with 4 bags in X box size

POXL	-50	-P	02MAX	-04X

Retention ratings
POXL: 1, 5, 10, 25 and 50 µm nominal

[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).