



## DURAGAF extended-life needle felt filter bags of the MAXPOXL range with additional internal prefilter

Eaton's DURAGAF extended-life filter bags of the MAXPOXL range are suitable for a wide range of applications such as water treatment, chemicals, paints and varnishes, adhesives, petrochemicals and many more applications in the automotive filtration segment.

The DURAGAF extended-life filter bags from the MAXPOXL range feature a polypropylene needle felt construction and increased thickness of the filter material. These features significantly increase dirt-holding capacity and extend the bags' lifespan by two to five times longer than standard needle felt filter bags, leading to substantial reductions in operating costs.

Additionally, the inner meltblown core provides a more porous oil absorption filter material while maintaining the same low initial differential pressure.

### Features and benefits

- An inner open meltblown polypropylene core provides additional capacity and significant oil absorption capabilities
- The reinforced filter material thickness facilitates gel removal
- Lower operating costs due to extended lifetime
- Special surface treatment significantly reduces fiber migration
- Material is free from silicone and crater-forming substances<sup>1</sup>
- Individually packaged
- Fully-welded construction with patented SENTINEL® seal ring provides 100% bypass-free filtration
- The pressure-activated SENTINEL seal ring provides a flexible, chemically resistant seal which adapts to any bag filter housing

### Filter specifications

#### Material

Polypropylene extended-life needle felt with meltblown inner core

#### Seal ring

Welded polypropylene SENTINEL seal ring

#### Retention ratings

1, 5, 10, 25, 50, 100 µm

### Dimensions/Parameters

#### Size

02: Ø 180 x 810 mm L

#### Filter area

02: 0.48 m<sup>2</sup>

#### Max. operating temperature

Polypropylene: 90°C

#### Max. differential pressure

2.5 bar

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

0.8–1.5 bar

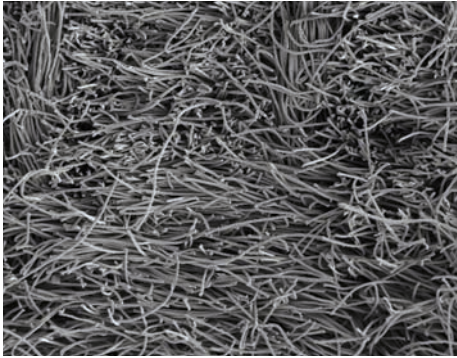
#### Max. flow rate<sup>3</sup>

02: 20 m<sup>3</sup>/h



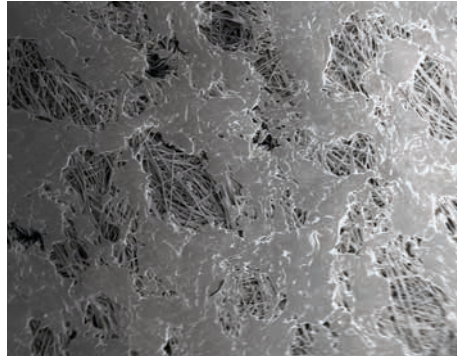
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# DURAGAF Filter Bags, MAXPOXL Range



### Extended-life needle felt in comparison to standard needle felt

- Finer fibers
- Greater porosity
- Thicker media



### Surface of a DURAGAF filter bag

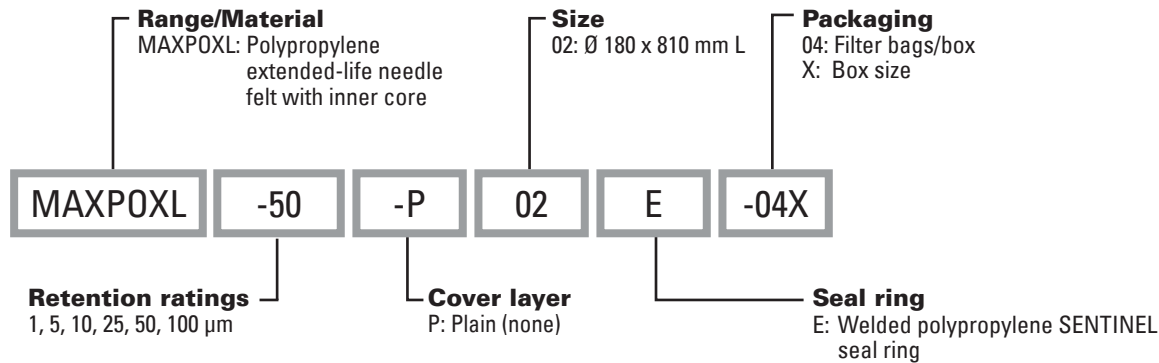
- No fiber release
- Full flow through surface channels



### Inner oil absorption core

- Open construction for low differential pressure
- Provides additional dirt-holding capacity
- Pure polypropylene meltblown fiber matrix for optimal oil absorption

## 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 @ 20°C.

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