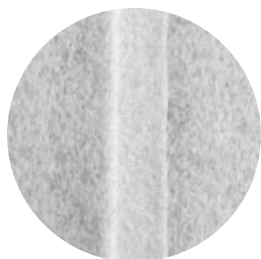


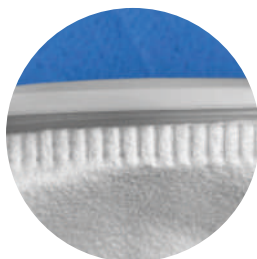


Welded filter bags

- Fully welded design of the filter bag provides 100% tightness of the bag while maintaining high efficiency.
- Filter bags available in polyester and polypropylene.
- Materials thermally treated on one side to prevent the release of free fibres into the filtrate.
- Silicone free filter material.
- Filter bags feature a flexible self-sealing flange which to guarantee bag sealing in sockets of bag housings. The flanges are fitted with holders for easy assembly and disassembly of the filter bag in bag housings



**Longitudinal weld
of filter material**



**Weld material -
self-sealing flange**



Filter bottom weld

Filter specification:

Material	Polyester, polypropylene
Effectiveness	1; 5; 10; 25; 50; 100; 200 µm
Flange	Polyester, polypropylene

Sizes - parameters

Size	Filtering surface	Maximum flow ¹
01: Ø 180 x 430 mm	01: 0,24 m ²	01: 15 m ³ /h
02: Ø 180 x 810 mm	02: 0,48 m ²	02: 30 m ³ /h
03: Ø 100 x 230 mm	03: 0,08 m ²	03: 6 m ³ /h
04: Ø 100 x 380 mm	04: 0,16 m ²	04: 12 m ³ /h
Maximum operating temperature	Polyester 140 °C ; Polypropylene 90 °C	
Recommended bag replacement ΔP	1 – 1,5 bar	

¹ For liquids with a dynamic viscosity of 1 mPa · s @ 20 °C.

Filter bag designations

Material

Max. temper.

PO - polypropylene non-woven fabric **90°C**
PE - polyester non-woven fabric **140°C**

Efficiency

filtration accuracy - micron rating

PO, PE - 1; 5; 25; 50; 100; 200 µm

Finishing

G - calendered surface

Size

Filter bag size

1 - ø180/L=430 [mm]

2 - ø177/L=810 [mm]

3 - ø100/L=230 [mm]

4 - ø100/L=380 [mm]

Filter surface

0,24 m²

0,48 m²

0,08 m²

0,16 m²

Flange type

P - self-sealing polypropylene flange

PE - self-sealing polyester flange

WE - welded bag

PO 50 G2 P-WE