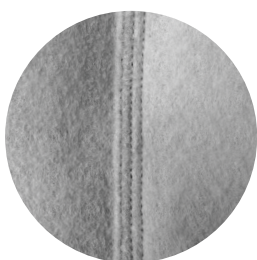




## Sewn filter bags

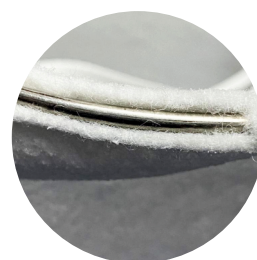
- x Fully sewn filter bag design.
- x Filter bags available in polyester, polypropylene and meta-aramid.
- x Materials thermically treated on one side to prevent the release of free fibres into the filtrate.
- x Silicone free filter material.
- x Filter bags featuring a ring made of plain galvanized steel or acid resistant steel to guarantee filter bag sealing in sockets of any type of filter bag housing.



**3-stitch longitudinal seam**



**5-thread overlock suture**



**Ring of stainless steel**

[www.3Afilter.eu](http://www.3Afilter.eu)

• **Filter Bags sewn and welded**


**3A Filter Sp. z o.o.**  
ul. Mościckiego 1 • 24-110 Puławy

• **Filter housing**

tel. +48 81 473 17 06  
[www.3afilter.eu](http://www.3afilter.eu) • [biuro@3afilter.eu](mailto:biuro@3afilter.eu)

## Solutions for a cleaner tomorrow.

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+48 601 895 322

 [filteringplus@3afilter.eu](mailto:filteringplus@3afilter.eu)  
[www.3afilter.eu](http://www.3afilter.eu)

## Filter specification:

|                      |                                                                                     |
|----------------------|-------------------------------------------------------------------------------------|
| <b>Material</b>      | Polyester, polypropylene, meta-aramid                                               |
| <b>Effectiveness</b> | <b>PO,PE:</b> 1; 5; 10; 25; 50; 100; 200 µm<br><b>NOM:</b> 25; 50; 100 µm           |
| <b>Flange</b>        | <b>S</b> - ring of plain galvanised steel, <b>SS</b> - ring of acid resistant steel |

## Sizes - parameters

| Size                           | Filtering surface                                         | Maximum flow <sup>1</sup> |
|--------------------------------|-----------------------------------------------------------|---------------------------|
| 01: Ø 180 x 430 mm             | 01: 0,24 m <sup>2</sup>                                   | 01: 15 m <sup>3</sup> /h  |
| 02: Ø 180 x 810 mm             | 02: 0,48 m <sup>2</sup>                                   | 02: 30 m <sup>3</sup> /h  |
| 03: Ø 100 x 230 mm             | 03: 0,08 m <sup>2</sup>                                   | 03: 6 m <sup>3</sup> /h   |
| 04: Ø 100 x 380 mm             | 04: 0,16 m <sup>2</sup>                                   | 04: 12 m <sup>3</sup> /h  |
| Maximum operating temperature  | Polyester 140 °C, Polypropylene 90 °C, meta aramid 220 °C |                           |
| Recommended bag replacement ΔP | 1 – 1,5 bar                                               |                           |

<sup>1</sup> 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**  
**NOM** - meta-aramid non-woven fabric **220°C**

## Efficiency

filtration accuracy - micron rating

**PO, PE** - 1; 5; 25; 50; 100; 200 µm  
**NOM** - 25; 50; 100 µm

## Finishing

**G** - calendered surface

## Size

Filter bag size

**1** - ø180/L=430 [mm]  
**2** - ø180/L=810 [mm]  
**3** - ø100/L=230 [mm]  
**4** - ø100/L=380 [mm]

Filter surface

0,24 m<sup>2</sup>  
0,48 m<sup>2</sup>  
0,08 m<sup>2</sup>  
0,16 m<sup>2</sup>

## Flange type

**S** - ring of plain galvanised steel  
**SS** - ring of acid resistant steel

**PO 50 G2 S**