



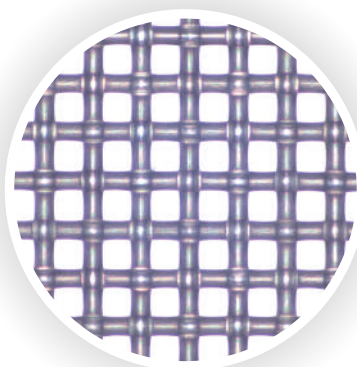
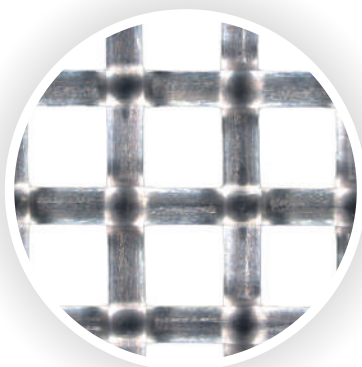
## Bag filters of monofilament nets

**Designed to provide effective surface filtration** of solutions with high solids content. The bags we manufacture are made of monofilament nets, which are nets woven **from single fibres**, thermally bonded. This type of net ensures fixed mesh sizes and **high mechanical resistance**.

Excellent for filtration of paints, varnishes, resins, creams, gels, syrup lotions, juices.

Variety of materials used in production of the nets: nylon, polyester, polypropylene - **ensures full chemical and temperature stability of bag filters.**

Our bags are **approved for use in contact with food** and are free of silicone.



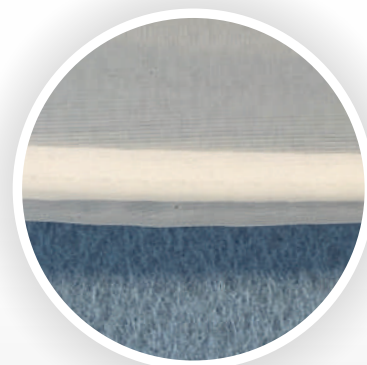
## Bag filter design



**Standard 5-thread  
overlock suture**



**Laminated  
suture**



**Laminated suture  
inside the bag**

### Filter specification:

<b>Material</b>	Nylon; polyester; polypropylene
<b>Effectiveness</b>	1; 5; 10; 25; 50; 80 100; 125; 150; 200; 250; 300; 400; 500; 600; 800; 1000; 1200 $\mu\text{m}$
<b>Flange</b>	Ring of galvanised steel, Ring of acid resistant steel Self-sealing flange of polyester, polypropylene, santoprene, optionally polyamide

### Sizes - parameters

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

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

# Filter bag designations

## Material

Max. temper.

<b>NMO</b> - nylon net	<b>140°C</b>
<b>PEMO</b> - polyester net	<b>140°C</b>
<b>PMO</b> - polypropylene net	<b>100°C</b>

## Finishing

**P** - standard

## Flange type

**P** - polypropylene plastic flange  
**PE** - polyester plastic flange  
**PN** - nylon plastic flange  
**S** - steel rim  
**SS** - rim of acid resistant steel

## Efficiency

filtration accuracy - micron rating

**NMO** - 1; 5; 25; 50; 100; 125; 150; 200;  
250; 300; 400; 500; 600; 800; 1000; 1200 µm  
**PEMO** - 5; 25; 50; 100; 125; 150; 200; 250;  
300; 400; 500; 600; 800; 1000 µm  
**PMO** - 80; 100; 125; 150; 200; 250; 300; 400;  
500; 600; 800; 1000 µm

## Size

Filter bag size

**1** - Ø180/L=430 [mm]  
**2** - Ø177/L=810 [mm]  
**3** - Ø100/L=230 [mm]  
**4** - Ø105/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>

# NMO 50 P2S



## Bags with pullers

3A Filter also filter mesh bags for use in **for open applications** i.e. without filter housings. Bag filters feature string pullers, zippers, Velcro fasteners for installation of bags at the ends of pipelines, **without having to use adapters**.

NMO 100 200/430 SZ

**Material**

NMO, PEMO, PMO

**Filtration  
efficiency**

**Dimensions  
width/length**

**Type**

SZ - string, Z - Velcro, ZA - zipper

We offer bags in sizes tailored to individual customer needs.