



## X01 Filter Bags

We manufacture X01 filter bags for X-100 type housings from polypropylene in the size of 150 mm (6") diameter, 520 mm (21") length with filtration area of 0.186 m<sup>2</sup> (2 ft).

**The bags are finished with a polypropylene flange with an outer lip that seals the bag directly against the wall of the filter housing eliminating the possibility of liquid flow outside the filter element, X01 bag flange is mounted directly on the filter basket flange of the housing which provides additional support for the filter bag.**

- Filter bags with polypropylene self-sealing collar.
- Fully welded filter bag design ensures 100% tightness while maintaining high performance.
- Filter bags available in polypropylene, nylon mesh, polypropylene mesh.
- Materials heat-treated on one side to prevent the release of free fibers into the filtrate.
- Silicone-free filter material.

## Filter Specifications

<b>Material</b>	Non-woven polypropylene - PO; Polypropylene mesh - POMO; Nylon mesh - NMO
<b>Effectiveness</b>	[PO] 1; 5; 10; 25; 50; 100; 200 µm [POMO; NMO]: 25; 50; 100; 150; 200; 250; 300 µm
<b>Flange</b>	polypropylene

## Sizes – Specifications

Size	Filter surface area	Maximum flow <sup>1</sup>
01: Ø 150 x 500 mm	0,186 m <sup>2</sup>	11,50 m <sup>3</sup> /h
Maximum operating temperature	PO 90 °C POMO 90 °C NMO 140 °C	
Recommended ΔP for bag replacement 1 bar		

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

# Filter bag designations

## Material

**PO** - włóknina polipropylenowa  
**POMO** - siatka monofilamentowa polipropylenowa  
**NMO** - nylon net

## Max. temper.

**90°C**  
**90°C**  
**140°C**

## Efficiency

filtration accuracy - mikron rating

**PO**, - 1; 5; 10; 25; 50; 100; 200 µm  
**POMO, NMO** - 25; 50; 100; 150; 200; 250; 300 µm

## Finishing

**G** - calendered surface

## Size

Filter bag size

**X01** - ø150/L=520 [mm]

Filter surface

0,186 m<sup>2</sup>

## Flange type

**P** - polypropylene plastic flange  
**WE** - welded bag

**PO 50 GX01 WE**