

# Liquid Filter Bags



Manufactured using 100% synthetic fibers of polypropylene, polyester and nylon monofilament. Dorsan® filter bags use only filter media that can guarantee a high and constant quality and efficiency.

These standard felt liquid filter bags work as a depth filter and are very recommended to filtrate solid and gelatinous particles from liquids.

On a depth filter, the area available for solids retention is not just the outside of the filter element, but the entire surface area of the pores through which the liquid to be filtered flows. The filter bags are used in various types of industries as Chemical, Pharmaceutical, Beverage, Food, Cosmetics...

The main advantage is their high dirt-holding capacity and high flow. Being one of the best economical solutions for a lot of liquid filtration applications.

## Features

- Great porosity range
- Broad chemical compatibility
- Silicone-free construction
- High dirt holding capacity
- Low cost filtration

## Applications

- Food & Beverages
- Chemical-Pharmaceuticals
- Cosmetics
- Wastewater Treatments



**DORSAN**®  
LIVING FILTRATION

# Liquid Filter Bags

## Tamaño de la bolsa nominal - Tamaños especiales bajo pedido

Filter Media	Rating (µm)	Dimensions**	O-Rings	Insertions
DFB PE=Polyester	1 - 200	E	1	S=Steel Ring (galvanized)
PEXL=Polyester XL	1 - 200		2	SS=Stainless Steel Ring
PO=Polypropylene	1 - 1000		3	P=Polypropylene Collar
POXL=Polypropylene XL			4	PE=Polyester Collar
NMO=Nylon				PZL/PZH=Santoprene Collar
NX=Nomex				G*
TE=PTFE(Teflon)				

\*With surface heat treatment

## Dimensions\*\*

Diameter	Length
1 = 7" (180mm)	17" (435mm)
2 = 7" (180mm)	32" (230mm)
3 = 4" (104mm)	9" (810mm)
4 = 4" (104mm)	14" (380mm)

Filtering Area	Volume
0,25 m <sup>2</sup>	11 L
0,07 m <sup>2</sup>	1,9 L
0,50 m <sup>2</sup>	20,5 L
0,12 m <sup>2</sup>	3,2 L

## Liquid Filter Bags specifications

Filter Media	Rating (µm)											
	1	3	5	10	25	50	75	100	150	200		
PE = Polyester	●	●	●	●	●	●	●	●	●	●		
PEXL = Polyester XL	●		●	●	●	●		●	●			
PO = Polypropylene	●	●	●	●	●	●	●	●	●	●		
POXL = Polypropylene XL	●		●	●	●	●		●	●			
NX = Nomex	●		●	●	●	●		●	●			
TE = PTFE (Teflon)				●					●			
	1	5	10	25	40	50	60	75	100	125	150	200
	250	300	400	500	600	800	1000	1200	1500			
NMO =	●	●	●	●	●	●	●	●	●	●	●	●
Nylon-Mono-Filament	●	●	●	●	●	●	●	●	●	●	●	●

The materials of Polypropylene, Polyester and Nylon comply with the FDA standards for contact with food under the heading CFR21, Section 177.1520. The S-ring bags have a galvanized (stainless steel on demand) sewn in the mouth.

The type has a PP mouth sewn or heat sealed by ultrasound systems. The types PO, PDXL and NMO can be delivered with a food contact certificate #EU 10/2011 and the bags will be individually packed.

The analysis data presented are representative of the performance observed in the tests carried out in the controlled laboratory. It can not be considered as a warranty, specification or suitability instruction for use.

The price may vary depending on the type of pollutant, the properties of the fluid, the flow rates and the environmental conditions. It is recommended that users perform previous tests to find the product that best suits their needs.

Note. We reserve the right to change these informations without any previous notice.

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