

# Polypropylene Filter Bags



## Product Information

Polypropylene Filter Bags filter bag has high contaminant holding capacity, and its broad range of proprietary media provides excellent filtration performance and great consistency. It also offers plastic and metal rings for wide temperature compatibility, and silicone oil free finish prevents craters to provide a better surface results. Used PP material is easily disposed or incinerated. Contaminants are trapped inside the bag for cleaner change-out.

- All welded construction can provide higher efficiency and eliminate the chance of bypass.
- Meet FDA requirements for food and beverage contact.
- Manufactured under a certified ISO 9001 quality system.

## Product specifications

### Materials of Construction

- Filter Media: Needle Felt Polypropylene
- Ring: Polypropylene, 304 Stainless Steel
- Sealing: All Welded Construction

### Dimensions

See Table: Filter Bag Dimensions and Typical Liquid Flow Rate for Sizing Recommendation

## Performance Specifications

### Retention Rating

- PP: 0.2, 0.5, 1, 5, 10, 25, 50, 100, 200  $\mu$

### FDA Listed Materials

Manufactured from materials which are FDA listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations

<b>Filter Bag Dimensions and Typical Liquid Flow Rates for Sizing Recommendation</b>				
Size	Diameter Inch (mm)	Length Inch (mm)	Filtration Surface Area ft <sup>2</sup> (m <sup>2</sup> )	Flow Rate gpm (M <sup>3</sup> /hr)
Size 1 Filter Bag	7" (177.8)	16" (406.4)	2.6(0.24)	90(20)
Size 2 Filter Bag	7" (177.8)	32" (812.8)	5.0(0.46)	180(40)
Size 3 Filter Bag	4" (101.6)	8" (203.2)	0.8(0.07)	25(6)
Size 4 Filter Bag	4" (101.6)	14" (355.6)	1.5(0.14)	50(12)

<b>Filter Media Properties (Chemical-Temperature)</b>						
Media	Max. Temp. (°F/°C)	Strong Acid Resistance	Weak Acid Resistance	Strong Alkali Resistance	Weak Alkali Resistance	Solvents
PP	180-°F (80°C)	Excellent	Excellent	Good	Good	Fair

This guide contains general recommendations.

Soak tests or trial use should be conducted to on the specific fluid to confirm compatibility