

Bag-Flow F Series Filter Bags



Product Introduction



Filtrafine Bag-Flow F series 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 or PE 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, Needle Felt Polyester
- 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 Ratings

- PP: 1, 5, 10, 25, 50, 100, 200 μm
- PE: 1, 5, 10, 25, 50, 100, 200 μm

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.



Filter Bag Dimensions and Typical Liquid Flow Rates for Sizing Recommendation

Size	Diameter Inch (mm)	Length Inch (mm)	Filtration Surface Area ft ² (m ²)	Flow Rate gpm (M ³ /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)

Filter Media Properties (Chemical-Temperature)

Media	Max. Temp. (°F/°C)	Strong Acid Resistance	Weak Acid Resistance	Strong Alkali Resistance	Weak Alkali Resistance	Solvents
PP	200-220°F (93-104°C)	Excellent	Excellent	Good	Good	Fair
PE	275-325°F (135-162°C)	Good	Good	Excellent	Excellent	Good

This guide contains general recommendations.

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

Ordering Information

PP	10	P	2	F-	W
Product Name	Retention Rating	Ring Material	Bag Size	Ring Type	Sealing Method
PP	1, 5, 10, 25, 50, 100,	P=PP S=304SS	1=01 2=02 3=03 4=04	F G S	S=Sewn Type W=Welding Type WS= Welding with Sewn Type
PE	200 µm				