

Filtrafine Bag-Flow F Series Filter Bags

High Contaminant Holding Capacity Felt Bags from Filtrafine

- Broad Range of Proprietary Media Provides Excellent Filtration Performance and Greater Consistency
- Offered with Plastic and Metal Rings for Wide Temperature Compatibility
- Sewn Construction Combines Economy and Consistency
- Optional all Welded Construction Provides Higher Efficiencies and Eliminates the Minimizes the Chance of Fluid Bypass
- Contaminants are Trapped Inside the Bag for Cleaner Change Out
- Easy Change-Out Reduces Down Time
- Product Compacts for Easy Disposal or Incineration
- Polypropylene Felt is FDA Listed for Food and Beverage Contact
- Silicone Oil Free Finish Prevents Craters Providing Better Surface Results
- Glazed Finish Eliminates Fiber Migration to Reduce Waste
- Multi-Layered Bags Available for Greater Versatility
- Ideal Solution for Batch Processes
- Manufactured Under a Certified ISO 9001 Quality System



Product Specifications

Materials of Construction:

- Filter Media: Needle Felt Polypropylene, Needle Felt Polyester
- Ring : Polypropylene, Polyester, Stainless Steel
- Sealing: Sewn or Thermal Welding

Dimensions (nominal):

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

Performance Specifications

- Retention Ratings: PP: 1, 5, 10, 25, 50, 75, 100, 150, 200µm
PE: 1, 5, 10, 25, 50, 75, 100, 150, 200µm

FDA Listed Materials:

Certain Grades of Bag-Flow F Series Filter Bags are Manufactured from Materials Which are FDA Listed for Food Contact Applications in Title 21 of the U.S. Code of Federal of Regulations

Filter Bag Dimensions and Typical Liquid Flow Rates for Sizing Recommendation

Size Specification				
Size	Diameter inch (mm)	Length Inch (mm)	Filtration Surface ft ² (m ²)	Flow Rate gpm (M ³ /hr)
01 Filter Bag	7(177.8)	16(406.4)	2.6(0.24)	90(20)
02 Filter Bag	7(177.8)	32(812.8)	5.0(0.46)	180(40)
03 Filter Bag	4(101.6)	8(203.2)	0.8(0.07)	25(6)
04 Filter Bag	4(101.6)	14(355.6)	1.5(0.14)	50(12)

Filter Media Properties (Chemical-Temperature)

Media	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 Material	10 Micro-Rating	P Ring Material	2 Bag Size	F - Ring Type	W Sealing Method
PP = Polypropylene PE = Polyester	1, 5, 10, 25, 50, 75, 100, 150, 200µm	P = PP E = PE S = SS304	1 = 01 2 = 02 3 = 03 4 = 04	F G S	S: Sewn Type W: Welding Type WS: Bag Using Welding with Sewn Ring