

Filtrafine Bag-Flow FXL Series Filter Bags

Extended Life Silicone Oil Free Filter Bags with All Welded Construction

- All Welded Construction Provides Higher Efficiencies and Eliminates the Chance of Fluid Bypass
- Silicone Oil Free Materials of Construction and Manufacturing Processes
- Filter Media Provides True Depth Filtration Enhancing Filtration of Gels, Fluids with Broad Particle Distributions and Particles with Irregular Shapes
- Offered with Plastic and Metal Rings for Wide Temperature Compatibility
- Contaminants are Trapped Inside the Bag for More Consistent Results
- Broad Range of Proprietary Media Provides Excellent Filtration Performance and Higher Dirt Holding Capacity
- Easy Change-Out Reduces Down Time and Maintenance Costs
- Product Compacts for Easy Disposal or Incineration
- Polypropylene FXL Bags are Manufactured from FDA Listed Materials. FDA Listed Polyester Felt is Available by Request
- 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
- Sealing: All Welded Construction

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, 100µm
PE: 1, 5, 10, 25, 50, 75, 100µm

FDA Listed Materials:

Certain Grades of Bag Flow FXL Series Elements 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
PEEL	275-325°F (135-162°C)	Good	Good	Good	Excellent	Good
PPEL	200-220°F (93-104°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.

Ordering Information

PPEL Product Name	10 Micro-Rating	P Ring Material	2 Bag Size	F - Ring Type	W Sealing Method
PPEL = Polypropylene PEEL = Polyester	1, 5, 10, 25, 50, 75, 100µm	P = PP E = PE	1 = 01 2 = 02 3 = 03 4 = 04	F G S	W : Complete Welding Type