



Fluxflo Range of Filter Bags

Main Features

- Available in particle removal ratings from 1 to 400 microns
- Available in sizes to fit the housings of most filter manufacturers
- Available in 4 types of filtering media
- Available in 3 different materials: polypropylene, polyester, and nylon
- Bag seals available with steel, stainless steel or plastic rings or plastic flanges with integral handles for positive sealing



The range includes:

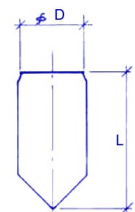
- "Silicon-free" felt filter bags
- Monofilament mesh filter bags
- High efficiency microfiber filter bags
- Filter bags certified for application in Pharmaceutical and Food & Beverage industries

Applications

Paints, enamels, solvents	Resins
Colloids removal	Inks
Magnetic coatings	Detergents
Intermediate chemicals	Sugar solutions
Food & Beverage filtration	Water process filtration
Oil removal from cataphoresis treatments	

Filter Bag Dimensions and Typical Liquid Flow Rates (for Sizing)

Bag Size	Nominal Diameter Inches (mm)	Nominal Length Inches (mm)	Surface Area Ft ² (m ²)	Flow Rate GPM (m ³ /hr)
1	7" (177.8)	16" (406.4)	2.6 (0.24)	90 (20)
2	7" (177.8)	32" (812.8)	5.0 (0.46)	180 (40)
3	4" (101.6)	8" (203.2)	0.8 (0.07)	25 (6)
4	4" (101.6)	14" (355.6)	1.5 (0.14)	50 (12)



Recommended Changeout Differential Pressure

20 psid (1.4 bar)

Bag Filter Selection

Felt Bags:

Felt is a low cost, disposable media with particle retention from 0.5 to 200 microns. Felt bags provide moderate depth filtration and high solids loading capacity

Monofilament Mesh Bags:

Monofilament mesh is an extremely strong material with a precise woven pattern to ensure consistent pore sizes. Available in micron ratings from 50 to 1200, these bags can handle high flow rates with low pressure drop. They can be washed and reused and are resistant to contaminant unloading.

Meltblown Bags:

High efficiency meltblown polypropylene bags are constructed of multi-layers of media for high retention efficiency. They are ideal for use in more critical applications. Meltblown microfiber bags are available in a choice of 99%, 95% and 90% retention efficiencies.

Oil Absorbing Bags:

Oil absorbing bags are used specifically to absorb oil and grease from aqueous based solutions. They can absorb many times their weight in oil.

Bag Filter Options

Type	Material	Microns Offered	Ring Choice
Felt	Polyester	0.5, 1, 3, 5, 10, 25, 50, 75, 100, 150, 200	PP ring, SS ring, Steel ring, PP flange
Felt	Polypropylene	1, 3, 5, 10, 25, 50, 75, 100, 150, 200	PP ring, SS ring, Steel ring, PP flange
Monofilament	Nylon	5, 10, 25, 40, 50, 75, 100, 125, 150, 200, 250, 300, 400, 600, 800, 1200	PP ring, SS ring, Steel ring, PP flange
MeltBlown	Polypropylene	0.5, 1, 3, 5, 10, 25, 50	PP ring, SS ring, Steel ring, PP flange
Oil Absorbing	Polypropylene meltblown microfiber	1, 3, 5, 10, 25, 50, 75, 100	PP ring, SS ring, Steel ring, PP flange

Material Features

Filter Bag Materials	Max Working Temperature	Applications							
		Aromatic Solvents	Aliphatic Solvents	Water Solutions	Acids	Strong Acids	Alkali	Strong Alkali	Vegetable and Animal Oils
Polypropylene	180°F (82°C)		•	•	•	•	•	•	•
Polyester	300°F (149°C)	•	•	•	•	•	•	•	•
Nylon	250°F (121°C)	•	•	•			•	•	

Ordering Guide

Filter Bag	Material	Micron Rating	Bag Size	Ring Material	Options
FB	PG - PP Felt	0.5	1	P - PP Ring	WE - Welded
	EG - PET Felt	1	2	S - Steel Ring	DS - Drawstring
	NMO - Ny Monofilament	3	3	SS - SS Ring	PL - PolyLock Flange
	OA - Oil Absorbant	5	4	PF - Polypropylene Flange	H - Handle
	HPGA - 99% eff PP Meltblown	10			
	HPGB - 95% eff PP Meltblown	25			
	HPGC - 90% eff PP Meltblown	40			
		50			
		75			
		80			
		100			
		125			
		150			
		200			
		250			
		300			
	400				
	600				
	800				
	1200				

Note - not all options are available in every material. Consult options table above.

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