

Liquid Filter Bags and Special Filter Bags



Grace supplies filter bags in various materials which come in a wide assortment of collars and top rings that ensure general compatibility with most commercial bag filter housings in the market. Manufactured by computer-aided processes of seam welding and fiber-free finish, Grace's filter bags exhibit high filtration performance and extended life time without media migration or bypass. Customized bag filters are also available to meet different requests in various applications.

Applications

Electronics, Food & Beverage, Petrochemical Process, Chemicals, Paints & Coatings, Pre RO, Waste Water Treatment, Oil Refinery

Specifications

Filter Media	Polypropylene Felt, Polyester Felt, Nomex Felt, PTFE Felt, Nylon Multifilament, Polypropylene Mesh, Polyester Mesh, Nylon Mesh
Micron Rating	0.5, 1, 5, 10, 25, 50, 75, 100, 150, 200, 250, 300, 500, 800, 1000 μm
Top Ring Styles	FSI, Hayward, X100, SUS Snap Ring, other customized styles
Top Ring Materials	Polypropylene, Polyester, Nylon, Metal, SUS
Seam	Welded, Sewn
Size	Size 1 : $\text{\O}7'' \times 16.5''$ 2.3ft ² : 90 GPM Size 2 : $\text{\O}7'' \times 32''$ 4.7ft ² : 200 GPM Size 3 : $\text{\O}4'' \times 9''$ 0.7ft ² : 25 GPM Size 4 : $\text{\O}4'' \times 15''$ 1.2ft ² : 45 GPM Other customized sizes on requests

Operation Data

Filter Media	Polyester	Polypropylene	Nylon	Nomex	PTFE
Abrasion & Flex	Good	Good	Excellent	Good	Poor
Weak Acid	Good	Excellent	Fair	Fair	Excellent
Strong Acid	Good	Excellent	Poor	Poor	Excellent
Weak Alkali	Good	Excellent	Excellent	Excellent	Excellent
Strong Alkali	Poor	Excellent	Excellent	Excellent	Excellent
Solvents	Good	Fair	Good	Good	Excellent
Maximum Operating Temperature	160°C(320°F)	70°C(160°F)	150°C(300°F)	230°C(450°F)	260°C(500°F)
Maximum Differential Pressure : 1.8 bar (26.1 psi) Recommended Change Out Differential Pressure : 1.03 bar (15 psi)					

For more information:

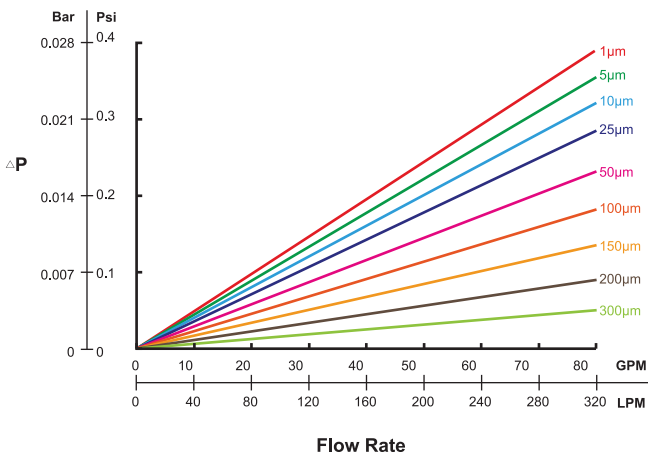
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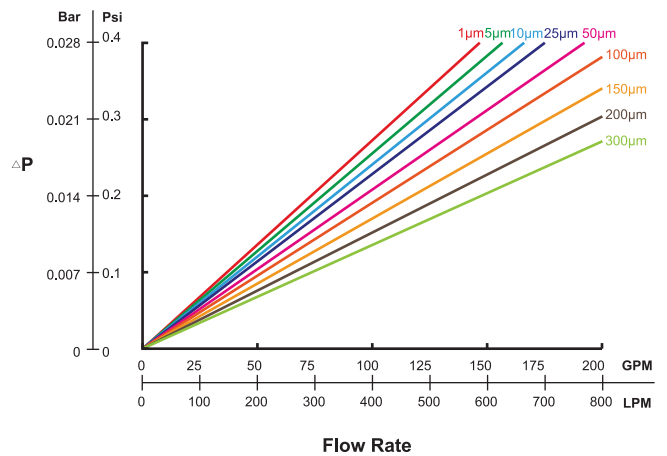
Ordering Information

Type	Top Ring Style	Micron Rating	Filter Media	Option
B1 -Size 1 Filter Bag B2 -Size 2 Filter Bag B3 -Size 3 Filter Bag B4 -Size 4 Filter Bag	FP – PP FSI Top Ring	05 – 0.5µm	P -Polypropylene Felt E -Polyester Felt T -PTFE Felt X -Nomex Felt PM -Polypropylene Mesh EM -Polyester Mesh NY -Nylon Multifilament Felt NM -Nylon Mesh	W - Welded D - Double Layers 3L - 3 Layers Other Customized Types
	FN – Nylon FSI Top Ring	1 – 1µm		
	GN – Nylon Hayward Top Ring	5 – 5µm		
	GP – PP Hayward Top Ring	10 – 10µm		
	FE – PE FSI Top Ring	20 – 20µm		
	GE – PE Hayward Top Ring	30 – 30µm		
	DD – Steel Snap Ring	50 – 50µm		
	44 – SUS304 Top Ring	75 – 75µm		
		100 – 100µm		
		150 – 150µm		
BG -Other Customized Type	XP – PP X100 Top ring	200 – 200µm		
	YP – PP Ø20cm Top ring	250 – 250µm		
	Other Customized Styles	300 – 300µm		
		400 – 400µm		
		500 – 500µm		
		600 – 600µm		
		800 – 800µm		
		1000 – 1000µm		
		M25 – 25mesh		
		M50 – 50mesh		
	M500 –500mesh			
B1 Size 1 Filter Bag	FP PP FSI Top Ring	50 50µm	P Polypropylene Felt	WD Welded-Double Layers

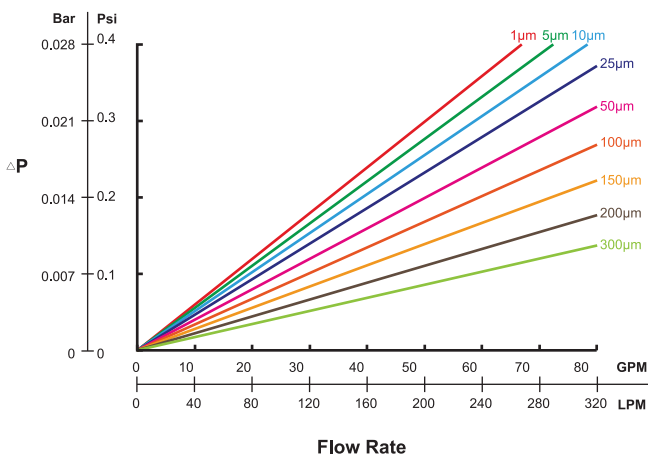
Size 1 Filter Bag



Size 2 Filter Bag



Size 4 Filter Bag



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