

Liquid Filter Bag

Liquid filter bag is a common industrial filter element, mainly used to remove solid particles, suspended solids or other impurities in liquids, widely used in industries such as chemical, food, pharmaceutical, water treatment, petroleum, etc. Liquid bag filters in a large range of micron ratings as well as in the standard #1, #2, #3 and #4 sizes to fit your filter bag requirements. Choose from nylon monofilament mesh, PP (polypropylene) and PET (Polyester) media replacement filters.



Liquid Filter Bag Size And Liquid Flow Rate

Size	Diameter		Length		Filtration Surface Area (m2/h)	Flow Rate m2
	mm	inch	mm	inch		
#1 (7" x 17") Filter Bag	180	7	430	17	0.25	20
#2 (7" x 32") Filter Bag	180	7	810	32	0.5	40
#3 (4" x 9") Filter Bag	102	4	230	9	0.09	6
#4 (4" x 15") Filter Bag	102	4	380	15	0.16	12

Liquid filter bag specifications

MATERIALS	
Filter Media	nylon, PP (polypropylene), PET (Polyester)
Ring	Plastic, SS 304
Sealing	Welded, Welded and Sewn

RETENTION RATINGS	
Polypropylene	1, 5, 10, 25, 50, 100, 200, 300µm
Polyester	1, 5, 10, 25, 50, 100, 200, 300µm

Filter bag material compatibility and temperature limits

Fabric	Animal, Vegetable and Petro Oils	Alkalis	Organic Acids	Oxidizing Agents	Mineral Acids	Temperature Limitations (maximum degrees)
Polypropylene	Excellent	Excellent	Excellent	Good	Good	93 °C (200 °F)
Polyester	Excellent	Good	Good	Good	Good	149 °C (300 °F)
Nylon	Excellent	Good	Fair	Poor	Poor	163 °C (325 °F)