

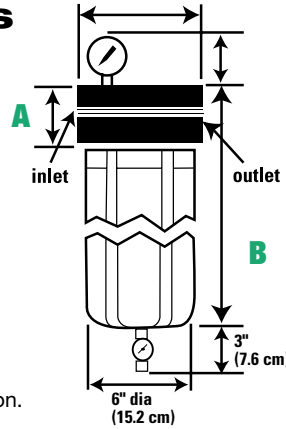
Economical Bag Filter Systems

Won't corrode

- Corrosion-proof design with broad chemical compatibility
- Polypropylene housings—strength and durability without bulk
- Conveniently collects all filtered particles within the bag

Polypropylene Filter Housings

This design is ideal for portable or small process systems. Maximum temperature is 100°F (38°C). Housings come complete with a Buna N O-ring, pressure gauge, spanner wrench, plug for 1/4" vent port, and a 3/8" drain valve. Order bag filters separately below, based on application.



Housings have a single, large thread closure for quick opening and positive sealing.



10" L housing 01510-00 (shown without gauge or drain valve)

18 1/2" L housing 01510-02

Maximum flow rate	Maximum pressure	Filter bag length	Port size	Dimensions		Catalog number	Price
				A	B		
20 GPM	100 psi	10" (25.4 cm)	1" NPT(F) 1 1/2" NPT(F)	3 1/2" (8.9 cm)	13 1/8" (33.3 cm)	GH-01510-00 GH-01510-04	
				4" (10.2 cm)	13 3/8" (34.6 cm)		
40 GPM	90 psi	18 1/2" (47 cm)	1" NPT(F) 1 1/2" NPT(F)	3 1/2" (8.9 cm)	23 7/8" (60.6 cm)	GH-01510-02 GH-01510-06	
				4" (10.2 cm)	23 7/8" (60.6 cm)		

Bag Filters for Polypropylene Bag Filter Housings

Each bag measures 4" diameter. The 10"L bags have a surface area of 0.75 ft²; 18 1/2"L bags have a surface area of 1.75 ft². See text and compatibility table below for application guidance.

Polypropylene Felt Bag Filters

These bags are ideal for general-purpose filtration. The bags are glazed to minimize fiber migration.

Pore size	10" (25.4 cm) L bag filters			18 1/2" (47 cm) L bag filters		
	Catalog number	Max flow	Price	Catalog number	Max flow	Price
1 µm	GH-01516-00	20 GPM		GH-01516-20	40 GPM	
5 µm	GH-01516-02			GH-01516-22		
10 µm	GH-01516-04			GH-01516-24		
25 µm	GH-01516-06			GH-01516-26		
50 µm	GH-01516-08	20 GPM		GH-01516-28	40 GPM	
100 µm	GH-01516-10			GH-01516-30		
200 µm	GH-01516-12			GH-01516-32		

Molded polypropylene top with built-in handle makes bag replacement easy.



Polypropylene bag filter 01516-20

Polypropylene high-efficiency bag filter 01516-48

Nylon bag filter 01519-16

Polypropylene Absolute-Rated High Efficiency Bag Filters

These absolute-rated versions are designed for 98% removal efficiency at the rated pore size. Bags offer three to four times the dirt-holding capacity of standard bags.

Pore size	10" (25.4 cm) L bag filters			18 1/2" (47 cm) L bag filters		
	Catalog number	Max flow	Price	Catalog number	Max flow	Price
1 µm	GH-01516-40	15 GPM		GH-01516-80	35 GPM	
5 µm	GH-01516-44			GH-01516-84		
25 µm	GH-01516-48			GH-01516-88		
50 µm	GH-01516-50	20 GPM		GH-01516-90	40 GPM	
100 µm	—			GH-01516-94		

Nylon Monofilament Bag Filters

A high-strength bag for handling a relatively more aggressive, cruder filtration application.

Pore size	10" (25.4 cm) L bag filters			18 1/2" (47 cm) L bag filters		
	Catalog number	Max flow	Price	Catalog number	Max flow	Price
50 µm	GH-01516-60	35 GPM		GH-01519-00	35 GPM	
100 µm	GH-01516-62			GH-01519-02		
200 µm	GH-01516-66			GH-01519-06		
300 µm	GH-01516-70	35 GPM		—	35 GPM	
400 µm	GH-01516-72			GH-01519-12		
800 µm	GH-01516-76			GH-01519-16		

Filter Compatibility[†]

Filtered substance	Materials	
	Polypropylene	Nylon
Organic solvents	Excellent	Excellent
Animal, petroleum, and vegetable oils	Excellent	Excellent
Micro-organisms	Excellent	Excellent
Alkalies	Excellent	Good
Organic acids	Excellent	Good
Oxidizing agents	Good	Fair
Mineral acids	Good	Poor

[†]Use chart as a guide only. Check chemical compatibility for specific fluids.