

C-5030

Fulflo® Filter Bags

Fulflo® Filter Bags Provide High Quality, Consistent Filtration Performance

Fulflo® Filter Bags are ideal for virtually any process filtration application requiring the removal of solids. Parker's Fulflo® filter bags are manufactured and tested under the strictest quality control standards to assure consistent performance. Parker's Fulflo® filter bags perform at high flow rates and viscosities to 10,000 cps or higher.

Standard Fulflo® Filter Bags are available in 1µm to 800µm particle retention ratings.



Benefits

- Standard filter bags fit Fulflo® vessels and most major competitive models
- The "C" Style Fulflo® bag features a polypropylene Quik-Seal ring which effectively seals the bag into standard Parker bag vessels
- The "G" Style Fulflo® bag features a carbon steel snap ring for positive sealing in competitive vessels
- Fulflo® Quik-Seal™ option is available for all "G" style Fulflo® filter bag media
- Felt bags come standard with glazed surface treatment to effectively control migration of fibers into the filtered product
- Polypropylene felt (P) bags are suitable for incidental food contact per CFR Title 21

Applications

- Solvents
- Bulk Chemicals
- Coatings
- Coolants
- Petroleum Oils
- Inks
- Paints
- Adhesives
- Liquid Detergents
- Resins
- Prefilters for Finer Cartridges
- Parts Washing Systems
- Water



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Specifications

Maximum Recommended Operating Conditions:

Temperature:

Polyester: 275°F (136°C)

Polypropylene: 200°F (94°C)

Monofilament Nylon Mesh: 275°F (136°C)

Nomex®*: 425°F (220°C)

Multifilament Polyester Mesh: 275°F (136°C)

Flow Rate: (Per single length)

Standard Bag: 80 gpm (303 lpm)

Changeout ΔP: 35 psi (2.4 bar)

Pressure: 70 psid (4.8 bar)

Size:

C1: 7.5" X 17.5"

C2: 7.5" X 31.5"

G1: 7" X 17.5"

G2: 7" X 31.5"

Effective Removal Ratings:

0.5µm to 800µm

Bag Media Selection:

Monofilament Mesh: Single strand nylon with retention ratings from 100µm to 600µm

Glazed Felt: In polypropylene or polyester felts, the surface fibers are melt bonded to one another, reducing the possibility of fiber migration

Multifilament Mesh: Strong fabric woven from twisted strands. Particle retention ratings from 150µm to 800µm

High Temperature Nomex®

Standard Seal: (no seal option specified)

C = Plastic Quik-Seal™ Ring

(polypropylene

for P felt and polyester for PE felt)

G = Steel Snap Ring

Standard Bag Flow Factors

Rating (µm)	Flow Factors
1	0.00083
3	0.00059
5	0.00044
10	0.00029
25	0.00017
50	0.00013
75	0.00008
100	0.00007

Flow Rate and Pressure Drop Formulas

$$\text{Flow Rate (gpm)} = \frac{\text{Clean } \Delta P \times \text{Length Factor}}{\text{Viscosity} \times \text{Flow Factor}}$$

$$\text{Clean DP} = \frac{\text{Flow Rate} \times \text{Viscosity} \times \text{Flow Factor}}{\text{Length Factor}}$$

1. Clean ΔP is PSI differential at start.
2. Viscosity is centistokes. Use Conversion Tables for other units.
3. Flow Factor is ΔP/GPM at 1 cks for single length bag.
4. Length Factors convert flow or ΔP from single length bags. Use length factor or 1 for single length and a factor of 2 for double length.

Ordering Information

Bag Style	Bag Size	Media	Micron	Seal Options	Other Options	Example
Polypropylene, Polyester Felt Bags						
C	1	P = Polypropylene	1, 3, 5, 10, 25, 50, 100 (P)	F = Flex Band Seal		C2PE10
	2	PE = Polyester	1, 3, 5, 10, 25, 50, 75, 100, 200, (PE)			C2P50-F
G	1	P = Polypropylene	1, 3, 5, 10, 25, 50, 100 (P)	Q = Top Sealing Plastic Ring		G2PE25
	2	PE = Polyester	1, 3, 5, 10, 25, 50, 75, 100, 200, (PE)			G1P100-Q
Polyester Multifilament Bags						
C	1	PEMU = Polyester	150, 200, 250, 300, 400, 800	F = Flex Band Seal		C2PEMU150-P
	2			PE = Polyester Quik-Seal Ring		
G	1	PEMU = Polyester	150, 200, 250, 300, 400, 800	Q = Top Sealing Plastic Ring	H = Cotton Handle	G2PEMU400-H
	2					
Nomex Felt Bags						
C	1	NOM = Nomex	25, 50, 100	F = Flex Band Seal (Required)		C2NOM50
	2					
G	1	NOM = Nomex	25, 50, 100		H = Cotton Handle	G1NOM50
	2					
Nylon Monofilament Bags						
C	1	MNO = Nylon	100, 200, 300, 400, 600	F = Flex Band Seal		C2MNO200
	2			PE = Polyester Quik-Seal Ring		
G	1	MNO = Nylon	100, 200, 300, 400, 600	Q = Top Sealing Plastic Ring		G2MNO200-Q
	2					

Specifications are subject to change without notification.

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SPEC-C5030-Rev. A 01/08



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