

Fulflo® Filter Bags

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.



Contact Information

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Features

- 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 FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21

Applications

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



ENGINEERING YOUR SUCCESS.

Fulflo® Filter Bags

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: 80gpm (303 lpm)

Change-out ΔP: 35psi (2.4bar)

Pressure: 70psid (4.8bar)

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

Mono-filament 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

Multi-filament 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 = Galvanized Steel 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

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

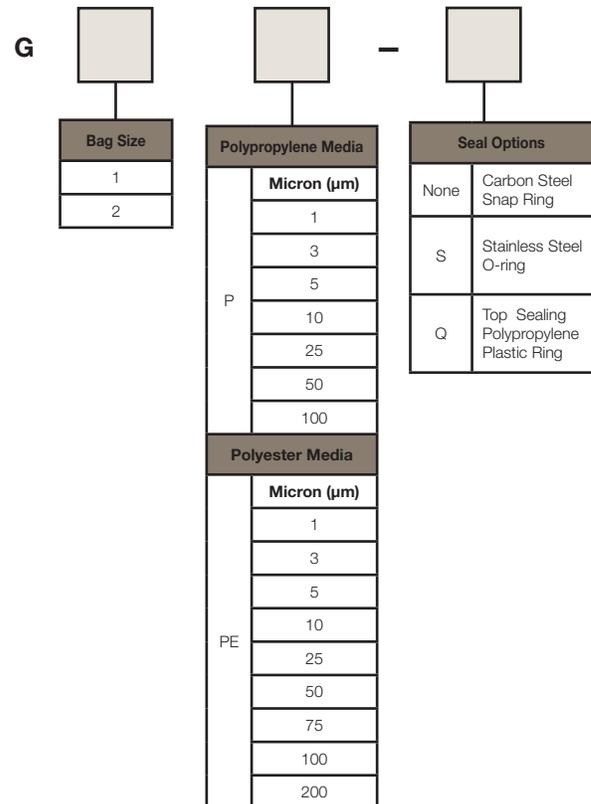
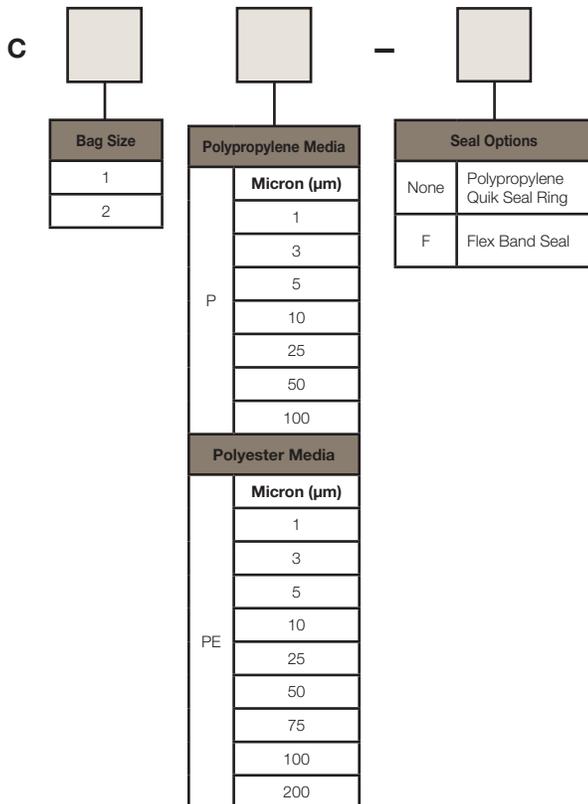
Clean ΔP = $\frac{\text{Flow Rate} \times \text{Viscosity} \times \text{Flow Factor}}{\text{Length Factor}}$

Notes:

- Clean ΔP is psi differential at start.
- Viscosity is centistokes. Use Conversion Tables for other units.
- Flow Factor is ΔP/GPM at 1cks for single length bag.
- 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

Polypropylene, Polyester Felt Bags



Note:

The following apply to all bag media selections

- Use C-Style bags for Parker CB, FB, & SB housings
- Use G-Style bags for Parker E-Series Bag & competitor housings



Polyester Multi-Filament Bags

C **PEMU** -

Bag Size
1
2

Polyester Media
Micron (µm)
150
200
250
300
400
800

Seal Options	
None	Polypropylene Quik Seal Ring
F	Flex Band Seal
PE	Polyester Quik-Seal Ring

G **PEMU** - **H**

Bag Size
1
2

Polyester Media
Micron (µm)
150
200
250
300
400
800

Seal Options	
None	Carbon Steel Snap Ring
Q	Top Sealing Polypropylene Plastic Ring

Other Options	
H	Cotton Handle

Nomex Felt Bags

C **NOM** - **F**

Bag Size
1
2

Nomex Media
Micron (µm)
10
25
50
100

Seal Options	
F	Flex Band Seal (Required)

G **NOM** - **H**

Bag Size
1
2

Nomex Media
Micron (µm)
10
25
50
100

Seal	
None	Carbon Steel Snap Ring

Other Options	
H	Cotton Handle

Nylon Mono-Filament Bags

C **MNO** -

Bag Size
1
2

Nylon Media
Micron (µm)
100
200
300
400
600

Seal Options	
None	Polypropylene Quik Seal Ring
F	Flex Band Seal
PE	Polyester Quik-Seal Ring

G **MNO** - **Q**

Bag Size
1
2

Nylon Media
Micron (µm)
100
200
300
400
600

Seal	
None	Carbon Steel Snap Ring

Seal Options	
Q	Top Sealing Polypropylene Plastic Ring

Note:

The following apply to all bag media selections

- Use C-Style bags for Parker CB, FB, & SB housings
- Use G-Style bags for Parker E-Series Bag & competitor housings

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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