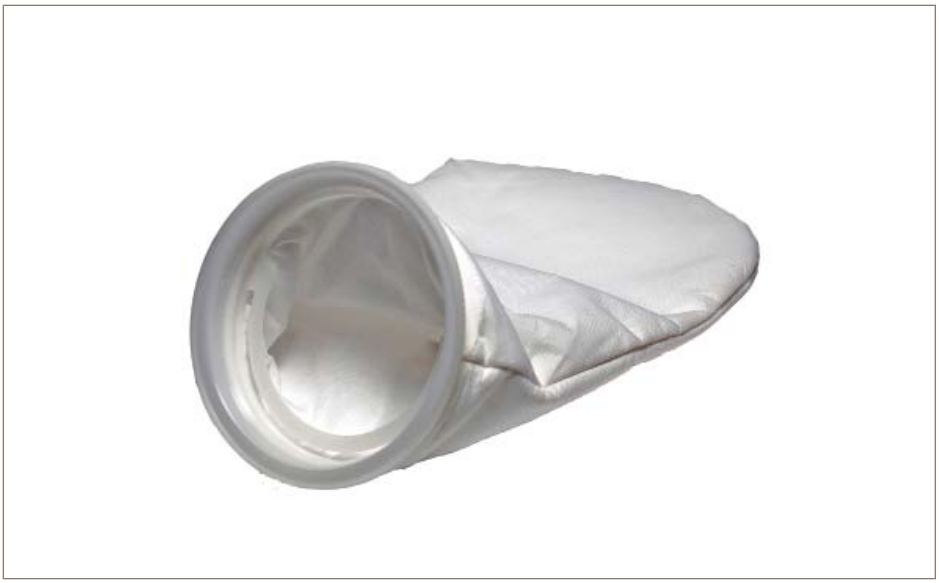
Fulflo® XLH Filter Bags

High-efficiency for quality filtration performance

Fulflo® XLH filter bags are ideal for virtually any process filtration application requiring the removal of solids. Parker's filter bags are manufactured and tested under the strictest quality control standards to assure consistent performance.

XLH filter bags perform at efficiencies similar to depth cartridges with high flow rates and viscosities to 10,000 cps or higher. XLH bags are available in 0.5µm, 1µm, 2.5µm,10µm and 25µm particle retention ratings.



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Benefits

- Parker's XLH all-polypropylene high efficiency filter bags provide twice the dirt-holding capacity at a lower cost than many competitive bags and cartridges of the same micrometer rating
- XLH bags require less frequent change out, less storage and disposal space, and are easy to install and remove
- Each bag is incinerable (with Quik-Seal™ option), reducing filter disposal costs
- All materials of construction 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

Parker domnick hunter

ENGINEERING YOUR SUCCESS.

Fulflo® XLH Filter Bags

SPECIFICATIONS

Materials of Construction

Microfiber: FDA grade polypropylene microfiber used in the XLH bag series assures high-efficiency performance and is oil absorbent.

Particle retention ratings:
0.5µm to 25µm

Maximum Recommended Operating Conditions

Temperature:
Polypropylene–200°F (94°C)
Flow Rate (Per single length)
XLH 25gpm (95 lpm)
Change-out ΔP: 35psi (2.4bar)

Maximum Allowable Pressure:
70psid (4.8bar)
Standard Seal:
(No seal option specified)
C = Plastic Quik-Seal Ring
G = Galvanized Steel Ring

Size

C1: 7.5″ X 17.5″
C2: 7.5″ X 31.5″
G1: 7″ X 17.5″
G2: 7″ X 31.5″

XLH Flow Factors

Rating (µm)	Flow Factors
0.5	0.0185
1	0.0143
2.5	0.0130
10	0.0043
25	0.0031

XLH Filter Bag Retention Ratings

Rating (µm)	Particle Size (µm) at which efficiency is:		
	90%	95%	99%
0.5	0.5	1	5
1	1	2	10
2.5	2.5	4	16
10	2.5	4	16
25	25	30	40

Flow Rate and Pressure Drop Formulas

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

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

Notes:
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 1cks 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.

Beta Ratio (ß):
Upstream Particle Count @ Specified Particle Size & Larger
Downstream Particle Count @ Specified Particle Size & Larger

$$\text{Percent Removal Efficiency} = \left(\frac{ß-1}{ß}\right) \times 100$$

Ordering Information