High-Flow Housing-Specific Hybrids - 6.25" OD Borosilicate Microglass or Polypropylene Microfiber

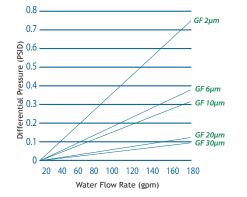
As a leader in the dynamics of inside-out fluid filtration for over 35 years The Strainrite Companies is proud to add the HIGH-Flow to our family of large pleat geometry products. It is well known that inside out flow elements have higher dirt holding capabilities and offer hygienic superiority over typical outside-in fluid filtration filters. HIGH-Flow filters' unique large pleat geometry make them capable of handling up to 500gpm in a 60[°] length, which is a perfect solution for high flow rate applications.

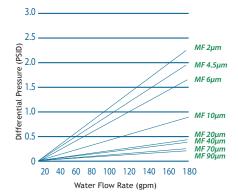
Features & Benefits

High-Flow

- Large diameter pleat configuration for high flow rates
- High dirt holding capability due to extensive surface area
- 99% rated filter media for consistent and repeatable performance
- Capable of flow rates up to 500gpm per filter
- Injection molded cage for superior strength and element integrity
- Inside-out filter retains all contaminants inside the filter during change-outs
- Thermally bonded construction
- Available in 20", 40", 60" & 80" lengths

Performance Characteristics size 4 filter





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Specifications

Micron Rating MF - 2, 4.5, 6, 10, 20, 40, 70, 90 GF - 2, 6, 10, 20, 30

Maximum Operating Temperature 180°F (82°C) Continuous Duty

Maximum Flow Rates

20″ - 175 gpm 40″ - 350 gpm 60″ - 500 gpm

Recommended Change-out 35 psid

Pressure Drop Rates (psid/gpm)

Micron	20″	40″	60″ 0.00279 0.00140			
2	0.00637	0.00419				
6	0.00417	0.00208				
10	0.00368	0.00182	0.00123			
20	0.00127	0.00064	0.00043			
30	0.00106	0.00053	0.00035			

Materials of Construction

Filter Media

Borosilicate Microglass Polypropylene Microfiber

End Caps

Polypropylene Polyester

Support Material

Polypropylene Polyester

Molded Cage

Polypropylene Polyester

O-rings

Buna N Fluorocarbon EPDM Silicone FEP Encapsulated Silicone

Sealing

Thermal Bond

Dimensions

High Flow

Nominal Top
Outside Diameter
6.25″ (15.88 cm)

Lengths 20" (50.8 cm) 40" (101.6 cm) 60" (152.4 cm) 80" (203.2 cm)

Ordering Information

			ŀ	igh-Flow								
	Code Material	Micron Ratings	Co	ode Style		Code Length		Code O-ring	С	ode Grade		Code Options
MF GF	Polypropylene Microfiber Borosilicate Microglass	MF: 2, 4.5, 6, 10, 20, 40, 70, 90 GF: 2, 6, 10, 20, 30	HF	High-Flow	2 4 6	20" (50.8 cm) 40" (101.6 cm) 60" (152.4 cm)	S B V E TV	Silicone (Standard O-ring) Buna N (Standard gasket) Fluorocarbon EPDM FEP Encapsulated Fluoro.	- 1	General FDA Grade	APH	All Polyester Hardware