

High-Flow

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

▪ 6.25" OD Housing

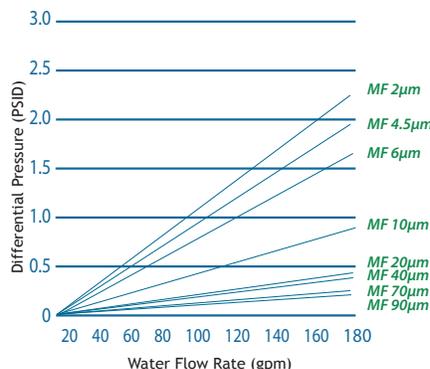
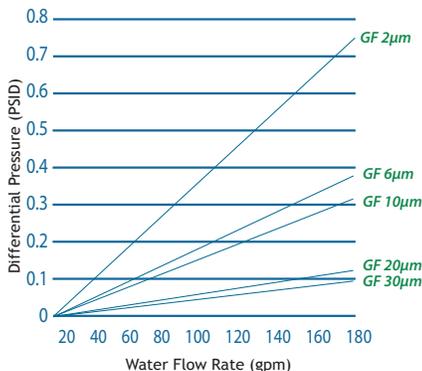
As a leader in the dynamics of inside-out fluid filtration for over 35 years The Strainrite Companies is proud to add the **HIGH-Flow** to our family of large pleat geometry products. It is well known that inside out flow elements have higher dirt holding capabilities and offer hygienic superiority over 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*



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"
2	0.00637	0.00419	0.00279
6	0.00417	0.00208	0.00140
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

Code Material		Micron Ratings	Code Style		Code Length		Code O-ring		Code 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