

HIGH-FLOW

Housing-Specific Hybrid Elements - 6.25" OD
Borosilicate Microglass or Polypropylene Microfiber

PRODUCT HIGHLIGHTS

- **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
- **Thermally bonded construction**
- **Capable of flow rates up to 500 GPM per filter**
- **Injection molded cage** for superior strength and element integrity
- **Inside-out filter** retains all contaminants inside the filter during change-outs
- **Available in 20", 40", 60" & 80" lengths**

PRODUCT DESCRIPTION

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.



MICRON RATING
MF - 1, 2, 4.5, 6, 10, 20, 40, 70, 90 µm
GF - 2, 6, 10, 20, 30

MAXIMUM FLOW RATES
20"-175 gpm | 40"-350 gpm | 60"-500 gpm

TOP OUTSIDE DIAMETER
6.25" (15.88 cm)

RECOMMENDED CHANGE-OUT
25 psid

MAXIMUM DIFFERENTIAL PRESSURE
35 PSID @ 70°F (21°C)

PRODUCTION PROCESS
Thermal Bond

MAXIMUM OPERATING TEMPERATURE
180°F (82°C) Continuous Duty

SUPPORT MATERIAL
Polypropylene
Polyester

FILTER MEDIA
Borosilicate Microglass
Polypropylene Microfiber

CAGE/END CAPS
Polypropylene
Polyester

SEALS
Buna N | Fluorocarbon | EPDM | Silicone | FEP Encapsulated Silicone

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

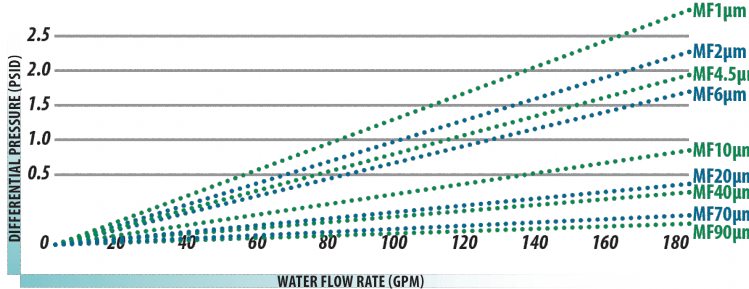
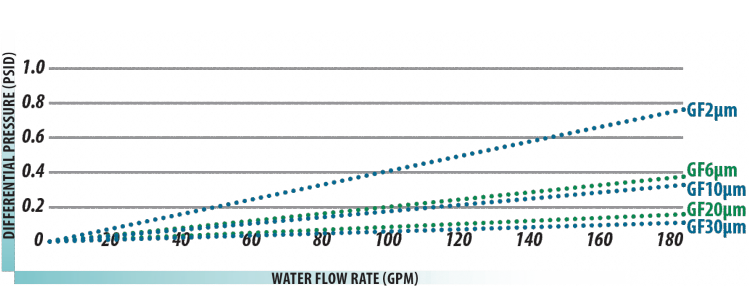
PRESSURE DROP RATES ≤

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

SPECIFICATIONS

v1 0926

PERFORMANCE CHARACTERISTICS



ORDER OPTIONS

FILTER MEDIA	MICRON SIZE	ELEMENTS	LENGTHS	O RING	ELEMENT GRADE	OPTIONS
MF Polypropylene Microfiber GF Borosilicate Microglass	MF 1 µm 2 µm GF 4.5 µm 6 µm 10 µm 20 µm 30 µm 40 µm 70 µm 90 µm	HF High-Flow	2 = 20" (50.8 cm) 4 = 40" (101.6 cm) 6 = 60" (152.4 cm) 8 = 80" (203.2 cm)	S = Silicone B = Buna N V = Fluorocarbon E = EPDM TV = FEP Encapsulated Fluorocarbon	-- = General 1 = FDA Grade	APH All Polyester Hardware

