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)

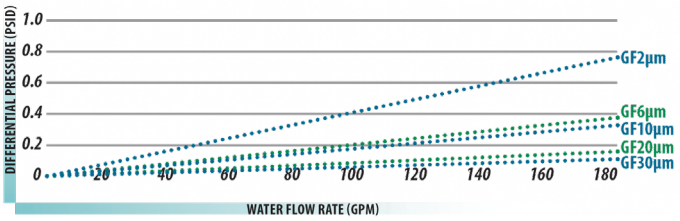
PRESSURE DROP RATES

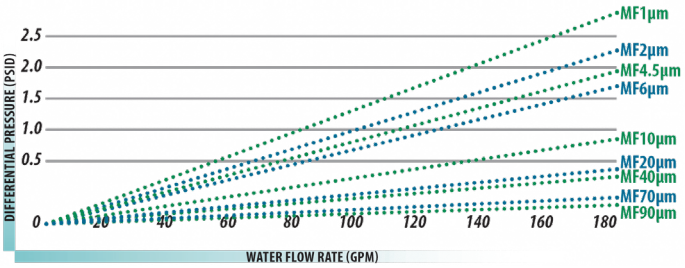
MICRON	20"	40"	60"
2	0.00637	0.00419	0.00279
6	0.00417	0.00208	0.00140
10	0.00368	0.00182	0.00123
20	0.00127	0.00064	0.00043
30	0.00106	0.00053	0.00035

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





v1 1026

ORDER OPTIONS

FILTER MEDIA	MICRON SIZE	ELEMENTS	LENGTHS	O RING	ELEMENT GRADE	OPTIONS
MF Polypropylene Microfiber **GF** Borosilicate Microglass	**MF**: 1 µm, 2 µm, 4.5 µm, 6 µm, 10 µm, 20 µm, 40 µm, 70 µm, 90 µm **GF**: 2 µm, 6 µm, 10 µm, 20 µm, 30 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

MF	6	HF	2	V	1	APH	MF6HF2V1APH
FILTER MEDIA	MICRON RATING		LENGTH	O RING	GRADE	OPTIONS	