

HIGH-FLOW

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

▶ 6.25" OD HOUSING

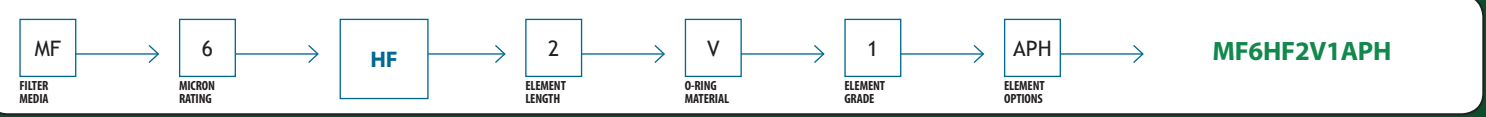
As a leader in the dynamics of inside-out fluid filtration for over 35 years The Strainrite Companies is proud to add the **HIGH-Flow** to our family of large pleat geometry products. It is well known that inside out flow elements have higher dirt holding capabilities and offer hygienic superiority over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

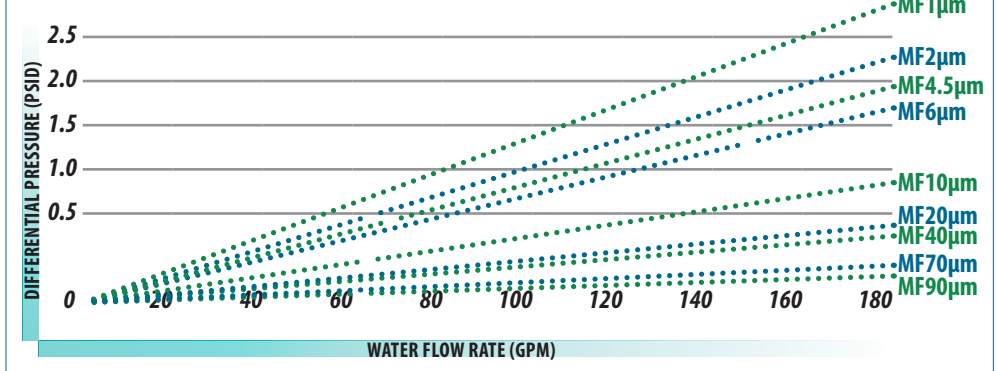
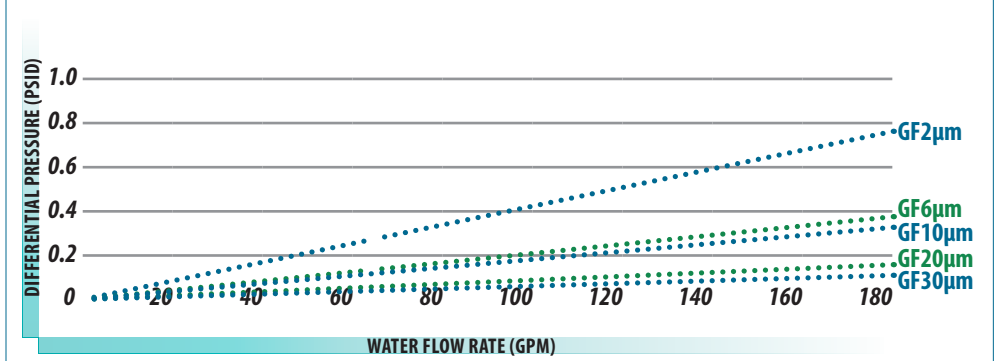


- ▶ LARGE DIAMETER PLEAT CONFIGURATION FOR HIGH FLOW RATES
- ▶ HIGH DIRT HOLDING CAPABILITY DUE TO EXTENSIVE SURFACE AREA
- ▶ 99% RATED FILTER MEDIA FOR CONSISTENT AND REPEATABLE PERFORMANCE
- ▶ THERMALLY BONDED CONSTRUCTION
- ▶ CAPABLE OF FLOW RATES UP TO 500GPM PER FILTER
- ▶ INJECTION MOLDED CAGE 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

ORDER GUIDE



MICRON RATING			
MF - 1, 2, 4.5, 6, 10, 20, 40, 70, 90 GF - 2, 6, 10, 20, 30			
MAXIMUM OPERATING TEMPERATURE		MAXIMUM DIFFERENTIAL PRESSURE	
180°F (82°C) Continuous Duty		35 PSID @ 70°F (21°C)	
MAXIMUM FLOW RATES		RECOMMENDED CHANGE-OUT	
20" - 175 gpm 40" - 350 gpm 60" - 500 gpm		25 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
FILTER MEDIA	END CAPS	SUPPORT MATERIAL	MOLDED CAGE
Borosilicate Microglass Polypropylene Microfiber	Polypropylene Polyester	Polypropylene Polyester	Polypropylene Polyester
O-RINGS			
Buna N Fluorocarbon EPDM Silicone FEP Encapsulated Silicone			
CONSTRUCTION METHOD			
Thermal Bond			
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)			
PERFORMANCE CHARACTERISTICS 40" FILTER			



ORDER OPTIONS

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