

# MAXX-Flow

Housing-Specific Hybrids - 6.75" OD  
Borosilicate Microglass or Polypropylene Microfiber

▪ 6.75" OD Housing

MAXX-Flow filters are engineered for critical high purity applications by optimizing throughput while maintaining absolute rated performance that is both predictable and repeatable. Our polypropylene filter media is constructed on the latest continuous microfiber blowing equipment, which accurately controls fiber diameter and web design.

This state-of-the-art equipment utilizes online monitoring equipment, delivering the industry's most uniform and consistent media, resulting in unparalleled product consistency. Our microglass filter elements feature a media structure with high surface area and increased void volume, as well as optimized pore size geometry.

Precision blowing of fine denier fibers results in a highly uniform matrix that optimizes element flow rate and service life. This advanced fine fiber technology outperforms all competing microfiber technologies.

Designed to best fit Strainrite's SMF (vertical) and HSMF (horizontal) housing, this hybrid filter easily works with most standard 6.75" outside diameter housing.

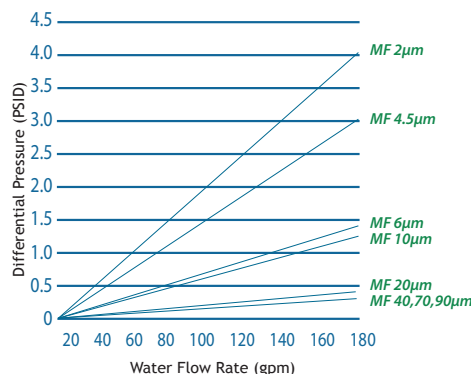
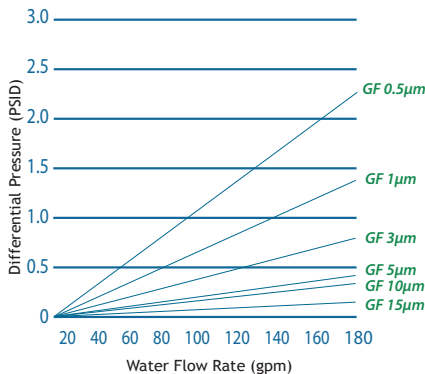


## Features & Benefits

### MAXX-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
- 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

## Performance Characteristics *size 4 filter*



## Specifications

### Micron Rating

MF - 0.5, 1, 3, 5, 10, 25, 50  
GF - 0.5, 1, 3, 5, 10, 15

### 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

## 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

### MAXX Flow

**Nominal Top  
Outside Diameter**  
6.75" (17.1 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	Polypropylene Microfiber	MF: 2, 4.5, 6, 10 20, 40, 70, 90	MF	MAXX-Flow	2	20" (50.8 cm)	S	Silicone (Standard O-ring)	-	General	APH	All Polyester Hardware
GF	Borosilicate Microglass	GF: 0.5, 1, 3, 5, 10, 15			4	40" (101.6 cm)	B	Buna N (Standard gasket)	1	FDA Grade		
					6	60" (152.4 cm)	V	Fluorocarbon				
					8	80" (203.2 cm)	E	EPDM				
							TV	FEP Encapsulated Fluoro.				