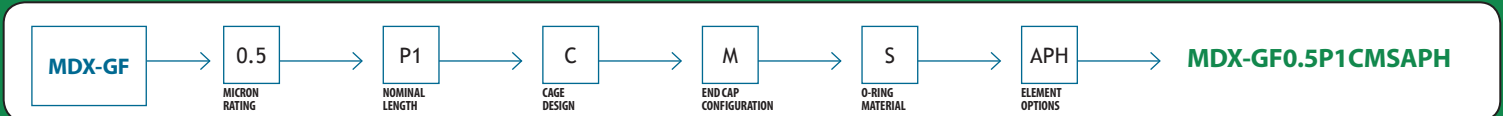


# MADD-MAXX GF

Absolute-Rated Microglass Hybrid Elements

- ▶ FOOD AND BEVERAGE
- ▶ DI/RO PREFILTRATION
- ▶ EDIBLE OILS
- ▶ REAGENT GRADE CHEMICALS
- ▶ GENERAL WATER FILTRATION
- ▶ WASTE WATER
- ▶ AMINE FLUIDS
- ▶ GLYCOL FLUIDS

## ORDER GUIDE



Strainrite's MADD-MAXX GF filters are engineered for critical high purity applications, optimizing throughput while maintaining an absolute rated performance that is consistent and reliable. Our microglass filter elements feature a media structure with high surface area and increased void volume, as well as optimized pore size geometry.

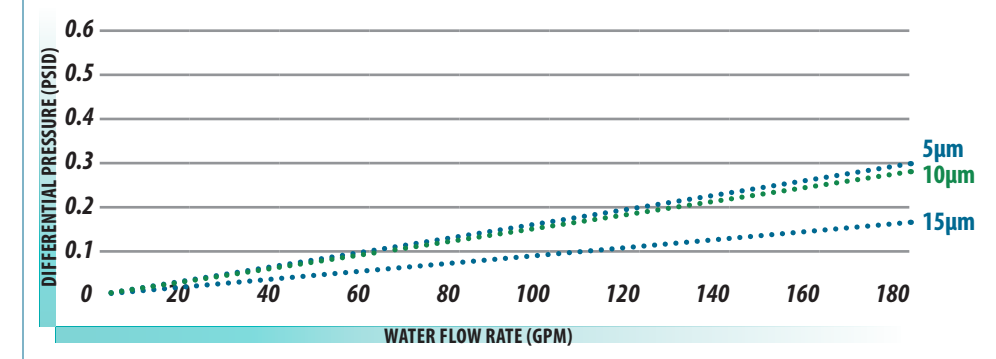
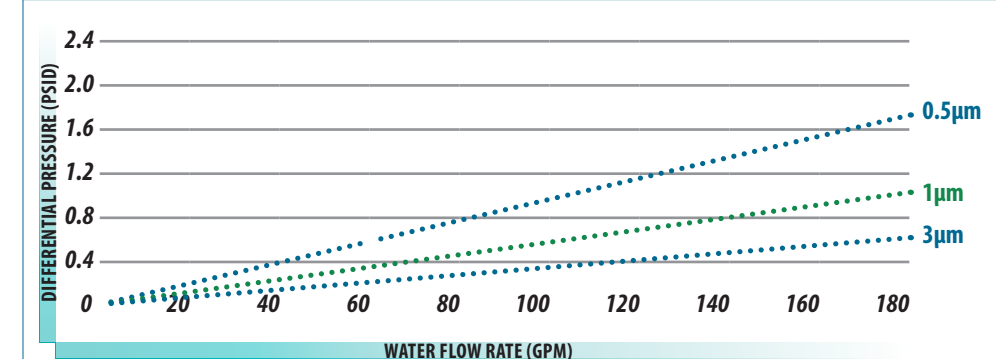
Precision blowing of fine denier fibers results in a highly uniform matrix that optimizes element flow rate and service life. This advanced fine fiber technology outperforms all competing microfiber technologies. MADD-MAXX GF filter elements increase filtration efficiency of any existing bag filter vessel versus conventional filter bags.

MADD-MAXX GF pleated elements are the preferred choice for filtering beverages such as beer and wine because they do not remove flavor enhancing proteins. We utilize acrylic binders that meet the requirements of CFR 21 for food and beverage contact.\* Our standard elements utilize an epoxy binder, providing the MADD-MAXX with a greater range of chemical compatibility in a wider range of applications.



- ▶ ABSOLUTE-RATED MEDIA PROVIDES RELIABLE PORE SIZE CONTROL RESULTING IN REPEATABLE FILTRATION PERFORMANCE
- ▶ NON-FIBER RELEASING MATERIALS WITH MINIMAL EXTRACTABLES PROVIDING HIGH PURITY FILTRATE
- ▶ LOWER PRESSURE DROPS YIELD HIGHER FLOW RATES AND REDUCED PROCESSING TIME
- ▶ WIDE CHEMICAL COMPATIBILITY
- ▶ MAXIMUM PLEAT DESIGN COUPLED WITH NON-CALENDERED MICROFIBER MATRIX OFFERS GREATER SURFACE AREA, ENSURING LONGER SERVICE LIFE, LESS DOWNTIME, AND REDUCED OPERATING COSTS PER ELEMENT
- ▶ STANDARD GRADE UTILIZES AN EPOXY BINDER, FDA GRADE UTILIZES AN ACRYLIC BINDER\*
- ▶ THERMALLY BONDED CONSTRUCTION, ELIMINATING PARTICLE BYPASS

MICRON RATING			
0.5, 1, 3, 5, 10, 15			
MAXIMUM OPERATING TEMPERATURE		MAXIMUM DIFFERENTIAL PRESSURE	
180°F (82°C) Continuous Duty Polypropylene 300°F (149°C) Continuous Duty Polyester		25 PSID @ 70°F (21°C)	
FILTER MEDIA	HARDWARE	SUPPORT MATERIAL	CAGE
Borosilicate Microglass	Polypropylene Polyester	Polypropylene Polyester	Polypropylene Polyester
O-RINGS			
Buna N   Fluorocarbon   EPDM   Silicone			
CONSTRUCTION METHOD			
Thermal Bond			
NOMINAL TOP OUTSIDE DIAMETER			
6.5" - 7.5"			
NOMINAL SURFACE AREA			
P1 - 17 square feet   P2 - 40 square feet   P3 - 46 square feet   P4 - 60 square feet			
NOMINAL LENGTHS			
P1 - 12" (30.5 cm)   P2 - 26" (66.3 cm)   P3 - 30" (76.5 cm)   P4 - 40" (102 cm)			
PERFORMANCE CHARACTERISTICS P4 FILTER			



## ORDER OPTIONS

ELEMENT	
MDX-GF	Madd-MAXX GF
MICRON RATINGS	
0.5, 1, 3, 5, 10, 15	
CARTRIDGE LENGTH	
P1	12" (30.5 cm)
P2	26" (66.3 cm)
P3	30" (76.5 cm)
P4	40" (102 cm)
CAGE DESIGN	
C	Plastic Polypropylene
END CAP CONFIGURATION	
P	P-Flange Top
S	S-Top with O-ring
M	M-Flange Top
C	C-Top with O-ring*
<small>*All Polyester Hardware not available</small>	
O-RING MATERIAL	
S	Silicone (Standard O-ring)
B	Buna N (Standard gasket)
V	Fluorocarbon
E	EPDM
ELEMENT OPTIONS	
APH	All Polyester Hardware

\*FDA grade available upon special request for certain micron ratings; please inquire with Strainrite customer service for more information.

### NEED A VESSEL FOR YOUR CARTRIDGES?

For the MADD-MAXX GF, the following vessel types are most commonly used:

- SRX—PAGE 134    SRHD—PAGE 136    SRID—PAGE 138    SRMX—PAGE 134    SRMB—PAGE 142

As always, discuss your options with your local sales representative to find the best fit for your application.