

MADD-MAXX GF

Absolute-rated Microglass Hybrids

- Food and Beverage
- General Water Filtration

- Edible oils
- Amine Fluids
- Glycol Fluids

- DI/RO Prefiltration
- Waste Water
- Reagent Grade Chemicals

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.

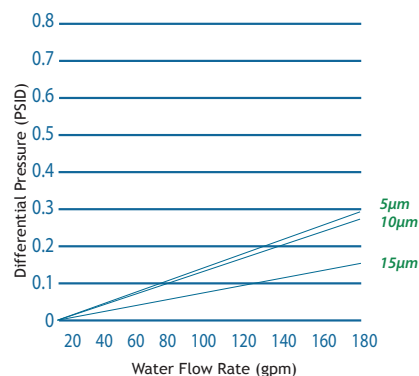
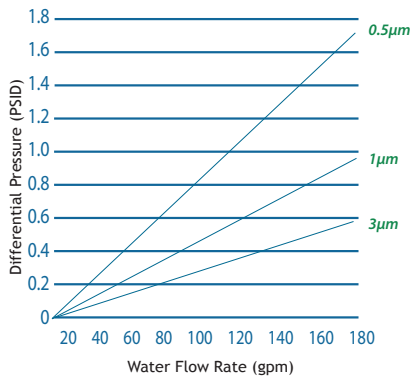
MADD-MAXX GF pleated elements are the preferred choice for filtering beverages such as beer and wine because they do not remove flavor enhancing proteins. We utilize acrylic binders that meet the requirements of CFR 21 for food and beverage contact. Many competing elements utilize an epoxy binder, providing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

Features & Benefits

MADD MAXX GF

- 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

Performance Characteristics *P4 filter*



Specifications

Micron Rating

0.5, 1, 3, 5, 10, 15

Maximum Operating Temperature

180°F (82°C) Continuous Duty Polypropylene

300°F (149°C) Continuous Duty Polyester

Materials of Construction

Filter Media

Borosilicate Microglass

Hardware

Polypropylene

Polyester

Support Material

Polyester

Cage

Polypropylene

Polyester

O-rings

Buna N

Fluorocarbon

EPDM

Silicone

Sealing

Thermal Bond

Dimensions

Madd-MAXX GF

**Nominal Top
Outside Diameter**

6.75" - 7.45"

Nominal Lengths

P1 - 12" (30.5 cm)

P2 - 26" (66.3 cm)

P3 - 30" (76.5 cm)

P4 - 40" (102 cm)

Nominal Surface Area

P1 - 17 ft²

P2 - 40 ft²

P3 - 46 ft²

P4 - 60 ft²

Ordering Information

MADD-MAXX GF

MDX-GF

Micron Ratings	Code Nominal Lengths	Code Cage Design	Code End Cap Configuration	Code O-ring Material	Code Options
0.5 1 3 5 10 15	P1 12" (30.5 cm) P2 26" (66.3 cm) P3 30" (76.5 cm) P4 40" (102 cm)	C Plastic Polypropylene	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>	S Silicone (Standard O-ring) B Buna N (Standard gasket) V Fluorocarbon E EPDM	APH All Polyester Hardware