MADD-MAXX GF

Absolute-Rated Microglass Hybrid Elements

PRODUCT HIGHLIGHTS

- **Absolute-rated media** provides reliable pore size control resulting in repeatable filtration performance
- **Non-fiber releasing materials** with minimal extractables providing high purity filtrate. Thermally bonded construction, eliminating particle bypass
- **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*

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



PRODUCT DESCRIPTION

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.

RATED RETENTION
0.5, 1, 3, 5, 10, 15 µm

TOP OUTSIDE DIAMETER
6.5" - 7.5"

SUPPORT MATERIAL
Polyester

MAXIMUM DIFFERENTIAL PRESSURE
25 PSID @ 70°F (21°C)

PRODUCTION PROCESS
Thermal Bond

MAXIMUM OPERATING TEMPERATURE
1180°F (82°C) Continuous Duty Polypropylene
300°F (149°C) Continuous Duty Polyester

HARDWARE
Polypropylene
Polyester

FILTER MEDIA
Borosilicate Microglass

CAGE
Polypropylene
Polyester

SURFACE AREA
P1 - 17 square feet | P2 - 40 square feet | P3 - 46 square feet | P4 - 60 square feet

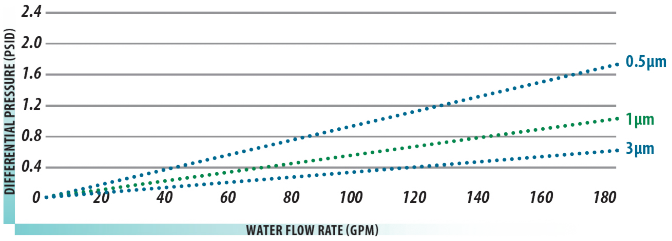
SEALS
Buna N | Fluorocarbon | EPDM | Silicone

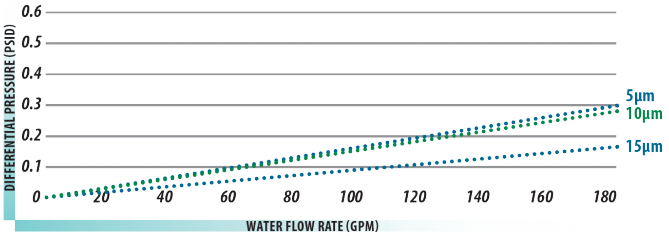
LENGTHS
P1 - 12" (30.5 cm) | P2 - 26" (66.3 cm) | P3 - 30" (76.5 cm) | P4 - 40" (102 cm)

SPECIFICATIONS

SCAN FOR MORE INFO

PERFORMANCE CHARACHTERISTICS





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ORDER OPTIONS

CARTRIDGE	MICRON SIZE	LENGTHS	CAGE DESIGN	END CAPS	GASKET/O-RING	ELEMENT OPTIONS
MDX-GF = Madd-MAXX GF	0.5 µm 1 µm 3 µm 5 µm 10 µm 15 µm	**P1** = 12" (30.5 cm) **P2** = 26" (66.3 cm) **P3** = 30" (76.5 cm) **P4** = 40" (102 cm)	**C** = Plastic Cage	**P** = P-Flange Top **S** = S-Top with O-ring **M** = M-Flange Top **C** = C-Top with O-ring* *All Polyester Hardware not available	**S** = Silicone **B** = Buna N **V** = Fluorocarbon **E** = EPDM	**APH** = All Polyester Hardware

MDX-GF – 0.5 (MICRON RATING) → P1 (LENGTH) → C (CAGE DEISGN) → M (END CAP) → S (O RING) → APH (OPTIONS) → **MDX-GF0.5P1CMSAPH**