

MGD_{Type}

(Glass fiber media)

Major Applications

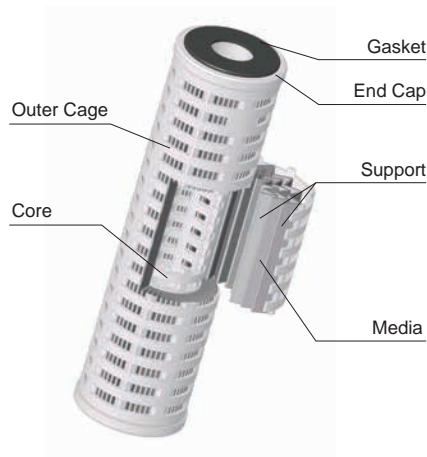
- Micro filtration of D.I. water and water for use in general industry
- Micro filtration of industrial chemicals
- Clarification filtration of Tea-based beverage, Sake and Wines
- Pre-filters of membrane filters
- Others



Features & Benefits

- **High flow rate**
 - Low flow resistance and high flow rate compared to conventional polypropylene filter media
- **High particle removal performance**
 - Ultra-fine glass fiber is used as filter media for high efficiency and high porosity.
 - Colloidal contaminants are effectively captured by adsorption effect of glass fiber.

Materials of Construction

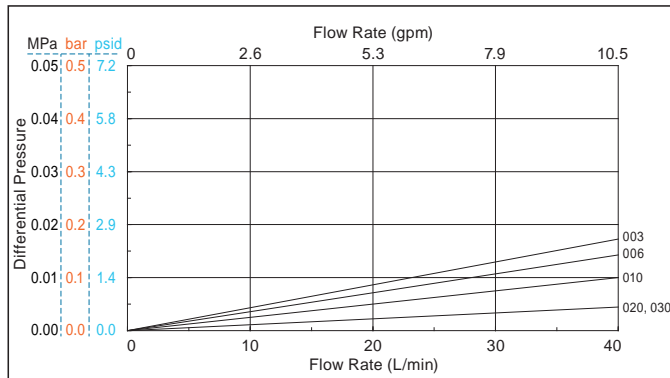


Specification

Product Type		MGD				
Micron Rating (µm)		0.3	0.6	1.0	2.0	3.0
E.F.A. (m ² / 250mm)		0.38	0.35	0.58	0.62	0.60
Dimensions	O.D. (mm)	70.0				
	I. D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)				
Materials	Media	Resin bonded Glass Fiber				
	Support	Polypropylene				
	Core, Outer Cage, End Cap	Polypropylene				
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)				
Maximum Operating Temp.		80°C (176°F)				

* If you need further information on specifications (length, end cap type, etc.), please contact us.

Flow Rate



Fluid: Refined Water (20°C) Cartridge Length: 250mm
 * The data does not include piping pressure drop.

Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)				
	003	006	010	020	030
0.7	>99.9	>99	>99	>98	
1.0	>99.9	>99.9	>99.9	>99.9	>99
1.5					>99.9

<Test Condition>
 Equipment: Particle Counter in Liquid
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ACFTD+Latex Beads

*The above data is based on our test condition, and is not guaranteed value.

Ordering Information

2 5 0 L - M G D - 0 0 6

- [Nominal Length]**
 125 = 125mm
 250 = 250mm
 500 = 500mm
 750 = 750mm
- [Product Type]**
- [Micron Rating]**
 003 = 0.3μm
 006 = 0.6μm
 010 = 1.0μm
 020 = 2.0μm
 030 = 3.0μm

E F B

- [Gasket/O-Ring]**
 S = Silicone
 E = EPDM
 N = NBR
 V = FKM
 T = FEP Encapsulated FKM (for 0, 5, 7)
 PTFE (for F)
- [End Cap Code]**
 F = Flat Gaskets
 0 = 2-222 O-Ring
 5 = 2-222 O-Ring + Fin
 7 = 2-226 O-Ring + Fin

B

- [Packaging Code]**
 B = 6pcs
 C = 10pcs
 F = 25pcs

End Cap Code



Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.



Scope: Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.

*The contents of the catalog are subject to change without notice.