


MICRO-PURE
MGD Type
Major Applications

Various high-concentration dispersions

Beverages

Features

- Micro-glass fiber media
- Adsorption effect by Micro-glass fiber media
- Variety of micron ratings

Advantages

- High filtration efficiency
- Low differential pressure and excellent flow rate
- Effectively captures colloidal foreign matter
- Optimal micron ratings selection according to the purpose

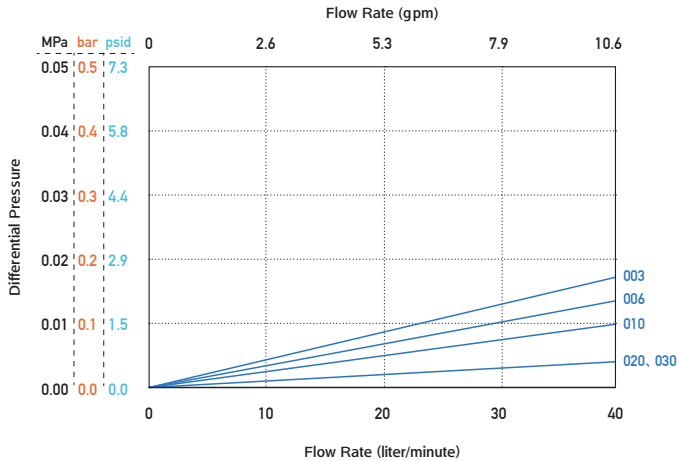
Specifications

		003	006	010	020	030
Grades		003	006	010	020	030
Micron Ratings (μm)		0.3	0.6	1.0	2.0	3.0
E.F.A. ($\text{m}^2/250\text{mm}$)		0.38	0.35	0.58	0.62	0.60
Media		Resin Bonded Glass Fiber				
Materials	Core/Cage/Support	Polypropylene				
	End Cap	Polypropylene				
	Maximum ΔP	0.49MPa at 20°C (71psi at 68°F)				
	Maximum Operating Temp	80 °C (176°F)				
	Length	125 / 250 / 500 / 750 mm				
Dimensions	O.D.	70.0mm				
	I.D.	25.6 (for 0.5) / 26.1 (for F) / 30.0 (for 7) mm				

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

Differential Pressure vs Flow Rate

Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



Particle Removal Efficiency

Grades 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 Conditions

Equipment : Liquid Particle Counter
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ACFTD+LATEX Beads

Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
2 5 0 L	-MGD-	0 0 6	E	F	F
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		003 = 0.3 μm 006 = 0.6 μm 010 = 1.0 μm 020 = 2.0 μm 030 = 3.0 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	B = 6pcs C = 10pcs F = 25pcs

End Cap Code



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

*The performance data listed in the catalog are Typical values obtained under specific conditions based on our tests.

ROKI GROUP International Pte. Ltd.

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan
 TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

www.rokiglobal.com

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.



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MS CM009

7th Issue
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