ROKITECHNO

Surface (Non-woven)
(Glass Fiber Media)

MICRO-PURE

MGB Type

Major Applications

- Color resist
- CMP slurry
- Other high-concentration dispersions

Features

- Micro-glass fiber media
- Adsorption effect by Micro-glass fiber media
- Optimization of materials used
- 100% flushing before shipment

Advantages

- High filtration efficiency
- Low pressure drop and excellent flow rate
- Effective capture for colloidal foreign particles
- Low extractables
- Reduction of fiber release

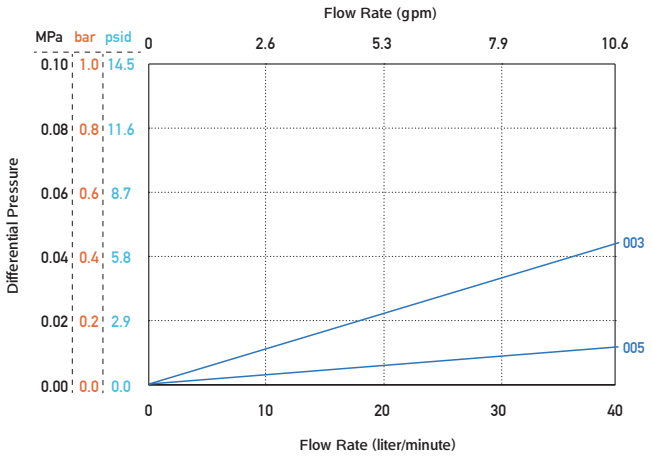
Specifications

Grades		003	005
Micron Ratings (μm)		0.3	0.5
E.F.A. (m²/250mm)		0.40	0.58
Materials	Media	Resin Bonded Glass Fiber	
	Core/Cage/Support	Polypropylene	
	End Cap	Polypropylene	
Maximum ΔP		0.49MPa at 20℃ (71psi at 68°F)	
Maximum Operating Temp		80 ℃ (176°F)	
Dimensions	Length	125／250／500／750 mm	
	O.D.	70.0mm	
	I.D.	25.6 (for 0, 5)／26.1 (for F)／29.5 (for 7) mm	

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

Differential Pressure vs Flow Rate

Fluid: Refined Water 20℃ (68℉) / Cartridge Length: 250mm



Particle Removal Efficiency

Grades / Particle Size (μm)	Particle Removal Efficiency (%) 003	005
0.3	>98	
0.5	>99.9	>99
1.0		>99.9

Test Conditions

Equipment	: Liquid Particle Counter
Filtration	: Single Pass
Fluid	: Refined Water
Flow Rate	: 10 liter/minute
Dust	: ALUMINA (MGB-003) ALUMINA+BOEHMITE (MGB-005)

Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
250L	-MGB-	003	V	7	F
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		003 = 0.3 μm 005 = 0.5 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

Code F

Code 0

Code 5

Code 7

*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.

ROKITECHNO MIRAI CO., LTD.
6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan
TEL: +81-3-5764-1131 FAX: +81-3-5764-0681
www.rokitechno.com

For our technical information, please click here.▼

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.

ISO 9001 JQA-QMA16323

JAB MS CM009

9th Issue
MGB200713E