

Grasp Bag Filter

BG Type

Major Applications

Chemicals

Industrial water, pure water

Wastewater treatment



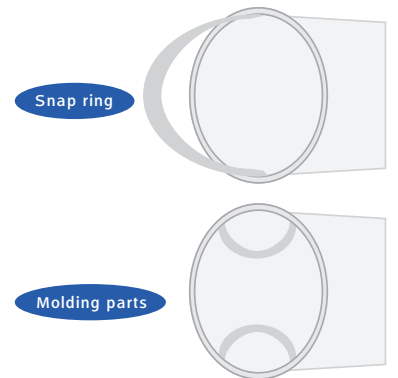
Features

- Bag construction with polypropylene or polyester filter media
- Variety of micron ratings
- Surface-treated filter media

Advantages

- High dust holding capacity, easy replacement
- Micron ratings can be selected according to the purpose.
- Reduction of fiber release

Structure



Specifications

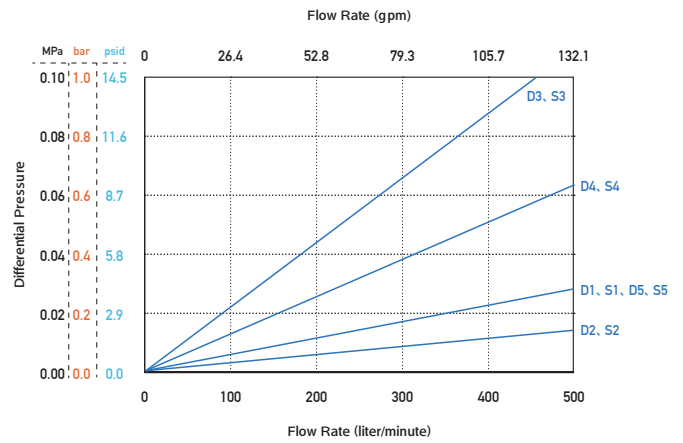
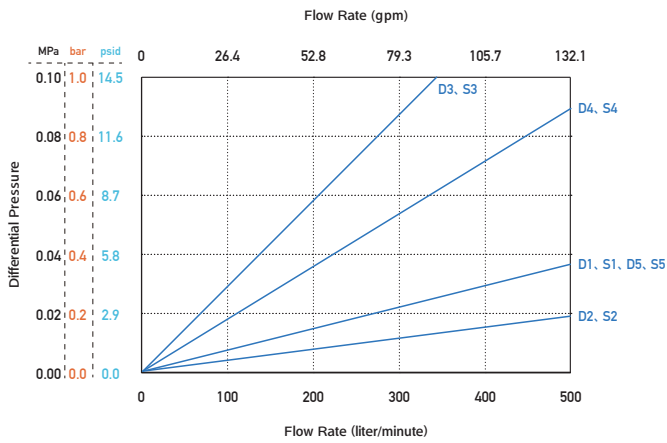
Grades	01	05	10	25	50	75	1H
Micron Ratings (μm)	1.0	5.0	10	25	50	75	100
Size: E.F.A. (m^2)	D1, S1 : 0.25	D2, S2 : 0.5	D3, S3 : 0.09	D4, S4 : 0.15	D5, S5 : 0.25		
Size: Capacity (L)	D1, S1 : 8.0	D2, S2 : 17.5	D3, S3 : 1.5	D4, S4 : 2.5	D5, S5 : 8.0		
Materials	Polypropylene			Polyester			
Media	Polypropylene/SUS304			Polyethylene		SUS304	
Sealing	Polypropylene/SUS304			Polyethylene		SUS304	
Maximum Operating Temp	80 °C (176°F)			120 °C (248°F)		135 °C (275°F)	
Recommended exchange differential pressure	0.10MPa (15psi)						
Adaptable Food Sanitation Standard	FDA 21 CFR (Filter media: Polypropylene only)						

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

Differential Pressure vs Flow Rate

Fluid: Refined Water 20~30°C (68~86°F) / Micron Ratings: 1.0~5.0 μm

Fluid: Refined Water 20~30°C (68~86°F) / Micron Ratings: 10~100 μm



Ordering Information

Product Type	Micron Rating	Media	Sealing	Shape	Size	Packaging Code
BG	0 1	P	P	- D	1	C
	01 = 1.0 μm 05 = 5.0 μm 10 = 10 μm 25 = 25 μm 50 = 50 μm 75 = 75 μm 1H = 100 μm	P = Polypropylene S = Polyester	P = Polypropylene E = Polyethylene T = SUS304	D = Molding parts S = Snap ring	Diameter / Length ^{*2} 1 = 180mm / 420mm 2 = 180mm / 820mm 3 = 100mm / 230mm 4 = 100mm / 380mm 5 = 150mm / 510mm	C = 10pcs G = 50pcs

*1 If the sealant is SUS304, please select snap ring shape.
 *2 If the sealant is polypropylene with snap ring shape, there is no setting for diameter/overall length 3, 4, and 5.

*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.



16th Issue
 rev.01
 BG210301E