

Grasp Bag Filter

BG Type

Major Applications

Highly concentrated extracts

Process water



Quality standards

- Adaptable Food Sanitation Standard
• FDA 21CFR
- Traceability by lot number

Features

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

Advantages

- High dust holding capacity, easy replacement
- Optimal micron ratings selection according to the purpose
- Reduction of fiber release

Specifications

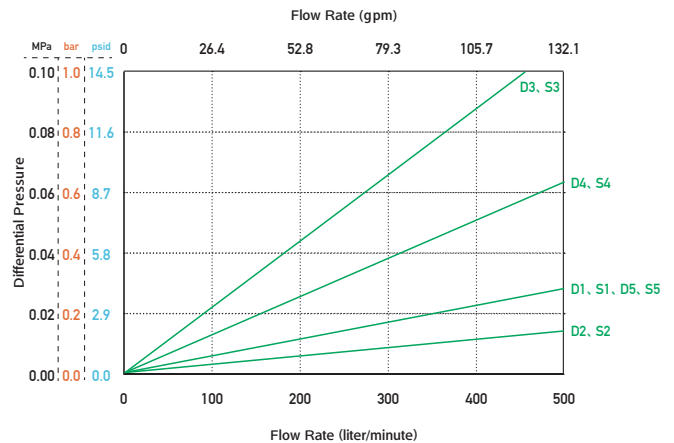
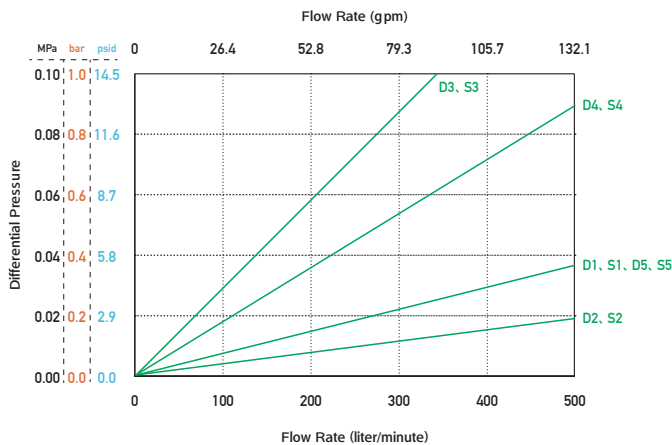
Grades	01	05	10	25	50	75	1H
Micron Ratings (μm)	1.0	5.0	10	25	50	75	100
Size: E.F.A. (m ²)	D1, S1 : 0.25	D2, S2 : 0.5	D3, S3 : 0.09	D4, S4 : 0.15	D5, S5 : 0.25		
Size: Capacity (L)	D1, S1 : 8.0	D2, S2 : 17.5	D3, S3 : 1.5	D4, S4 : 2.5	D5, S5 : 8.0		
Materials	Polypropylene						
Media	Polypropylene / SUS304						
Sealing	80 °C (176°F)						
Maximum Operating Temp	0.10MPa (15psi)						
Recommended exchange differential pressure							

*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	Size	Packaging Code
BG	0 1	SC-	P	- D	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	P = Polypropylene T = SUS304	Shape ^{*1} D = Molding parts S = Snap ring	Diameter/Lenth ^{*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.

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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.



3rd Issue
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