

BG (P) Type (Polypropylene felt)

BG (S) Type (Polyester felt)

Since the grasp bag filters are provided two kinds of filter line-ups, it can be used for various application. BG (P) type uses polypropylene felt as the filter media. BG (S) type uses polyester felt as the filter media.

Due to the compact structure, a reliable change out is available in a short time. It realizes a reduction of working time. In addition, a small setting space is available by realizing a high flow rate.

Features

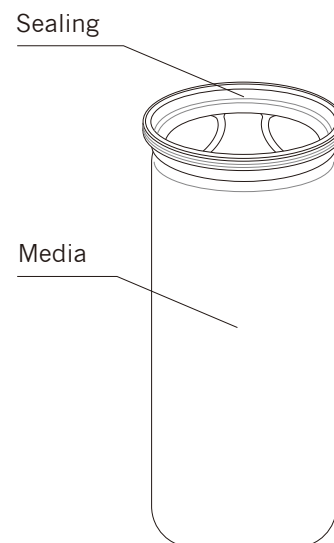
- The filter media is 100% silicone free.
- Anti-migration treatment for the filter media.
- Bypass is prevented by molded plastic ring which has high sealing performance.
- PP type based on the FDA.



Major Applications

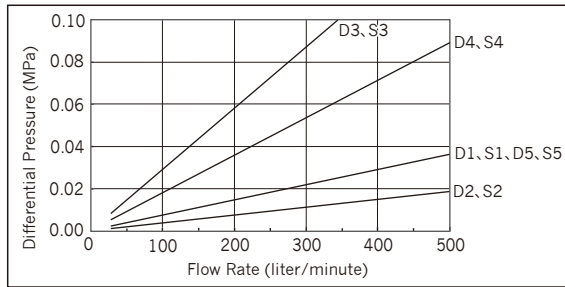
- Various paint, ink
- Chemical solutions
- Lubricant oils
- Adhesive materials
- Synthetic rubber
- Food and beverage
- General water for industrial use
- Effluent processing
- Others

Materials of Construction



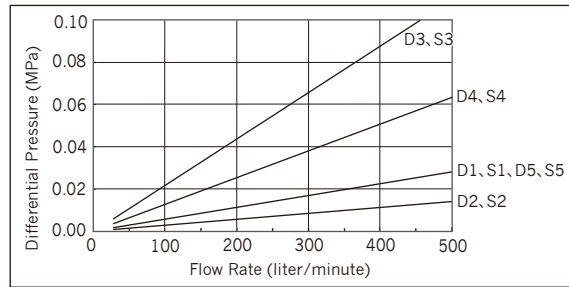
Differential Pressure vs Flow Rate

BG (P) Type • BG (S) Type (1~5µm)
Fluid: Refined water (25~30°C)



※The data do not include piping pressure drop.

BG (P) Type • BG (S) Type (10~100µm)
Fluid: Refined water (25~30°C)



※The data do not include piping pressure drop.

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

Ordering Information

B G	0 1	S C	-	P	-	D	1	C
↓	↓		↓	↓		↓	↓	↓
[Product Type]	[Micron Rating]		[Filter Media]	[Sealing]		[Configuration]	[O.D./Length]	[Packaging Code]
	01 = 1µm 05 = 5µm 10 = 10µm 25 = 25µm 50 = 50µm 75 = 75µm 1H = 100µm		P=Polypropylene S=Polyester	P=Polypropylene E=Polyethylene T=SUS304		D=Molding parts S=Snap ring	1=180mm / 420mm 2=180mm / 820mm 3=100mm / 230mm 4=100mm / 380mm 5=150mm / 510mm	C=10 pcs. G=50 pcs.

※In case that sealing is polyethylene or polypropylene and in a snap ring shape, No. 3, 4, 5 of diameter / length code are not available.

※In case that sealing is SUS304, please choose the snap ring configuration.

Specification

Product Type		BG (P) Type • BG (S) Type						
Grade		01	05	10	25	50	75	1H
Micron Rating (µm)		1	5	10	25	50	75	100
Dimensions	O.D. (mm)	100			150	180		
	Length (mm)	230	380		510	420	820	
Product Type		BG (P) Type				BG (S) Type		
Materials	Media	Polypropylene				Polyester		
	Sealing	Polypropylene / SUS304				Polyethylene		SUS304
Maximum Operating Temp. (°C)		80				120	135	
Adaptable Food Sanitation Standard		FDA 21 CFR				-		

Product Type		BG (P) Type • BG (S) Type				
Size		D1, S1	D2, S2	D3, S3	D4, S4	D5, S5
O.D.(mm) / Length (mm)		180 / 420	180 / 820	100 / 230	100 / 380	150 / 510
Volume (L)		8.0	17.5	1.5	2.5	8.0
E.F.A. (m ²)		0.25	0.5	0.09	0.15	0.25
Differential Pressure	Optimum (MPa)	0.10				
	Maximum (MPa)	0.18				

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