

SBP Type

(For classification filtration)
 (Super fine polypropylene filter media)
 (100% Polypropylene)

Major Applications

- Classifying filtration for high-concentration slurry
- Classifying filtration for pigment resists and ink-jet inks
- Classifying filtration for functional inks
- Alcoholic beverages and soft drinks
- Industrial water and water for beverages
- Others

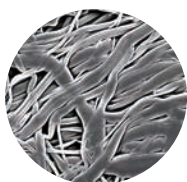


Features & Benefits

- **Ultra-fine fiber : High removal efficiency, High permeability, Long service life**
 - Higher porosity than conventional high removal efficiency filters
 - Achieve highly accurate classification filtration because of high permeability and high dust holding capacity.
- **Unique filter media structure**
 - High removal efficiency filter media from outer layer realizes a long service life for liquids with a sharp particle size distribution
 - Low differential pressure is maintained, because filter media is not compressed or deformed under high viscous and high solid content liquid because of strong support net.
- **Low extractables**
 - Since binders or surfactants are not used in filter, extractables are extremely low.
- **Reduction of released fibers from filter**
 - ROKI standard flushing specifications can reduce the initial flushing amount before use.

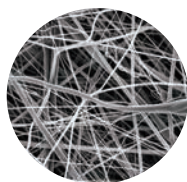
Materials of Construction

Conventional Polypropylene Fiber Media

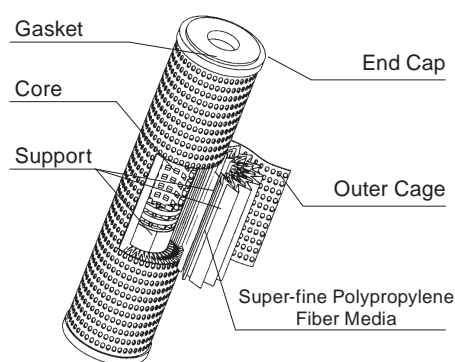


Low Porosity
(with consolidation process)

Super-Fine Polypropylene Fiber Media (SBP-010)



High Porosity



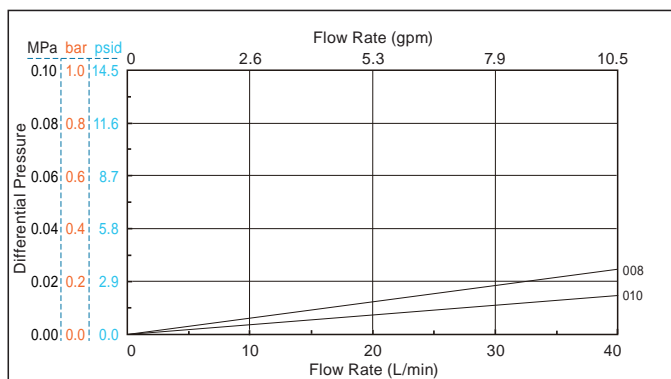
Specification

Product Type		SBP	
Micron Rating (µm)		0.8	1.0
E.F.A. (m ² / 250mm)		0.21	0.19
Dimensions	O.D. (mm)	70.0	
	I.D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 29.5 (for 7)	
Materials	Media	Polypropylene	
	Support	Polypropylene	
	Core, Outer Cage, End Cap	Polypropylene	
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)	
Maximum Operating Temp.		80°C (176°F)	
Adaptable Food Sanitation Standard		All raw materials meet the requirement of FDA 21 CFR *1	

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

*1 Applicable Gaskets and O-ring materials exclude EPDM.

Flow Rate



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

* The data does not include piping pressure drop.

Particle Removal Efficiency

Particle Size (µm)	Particle Removal Efficiency (%)	
	008	010
0.8	>99.9	
1.0		>98
1.5		>99.9

<Test Conditions>

Equipment: Particle Counter in Liquid

Filtration : Single Pass

Fluid : Refined Water

Flow Rate : 10 liter / minute

Dust : ACFTD+LATEX Beads

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

Ordering Information

2 5 0 L-S B P - 0 1 0



[Nominal Length]
 62.5 = 62.5mm
 125 = 125mm
 250 = 250mm
 500 = 500mm
 750 = 750mm



[Product Type]



[Micron Rating]
 008 = 0.8µm
 010 = 1.0µm

S



[Gasket / O-Ring]
 S = Silicone
 E = EPDM
 N = NBR
 V = FKM
 T = FEP Encapsulated FKM (for 0, 5, 7)
 PTFE (for F)

7



[End Cap Code]
 F = Flat Gaskets
 0 = 2-222 O-Ring
 5 = 2-222 O-Ring + Fin
 7 = 2-226 O-Ring + Fin

C



[Packaging Code]
 B = 6 pcs
 C = 10 pcs
 F = 25 pcs

End Cap Code



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.

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