

MBP Type

(For high flow and removal of fine particles)
(Super-fine polypropylene Fiber Media)

Major Applications

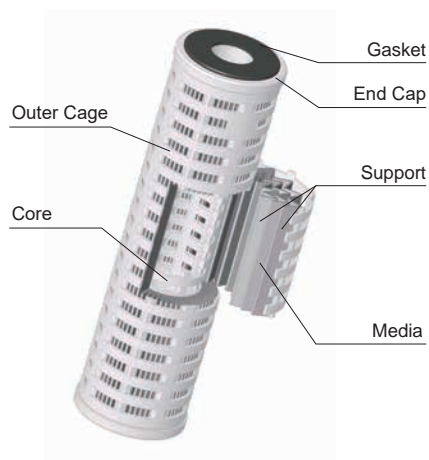
- Classifying filtration for resists, ink-jet inks and nano-metal inks which nano-size pigments are dispersed
- Clarification of solvents
- Pre-filtration of membrane filter
- Alcoholic beverages and soft drinks
- Various types of process water, including make-up water
- Others



Features & Benefits

- **High removal efficiency with low differential pressure and high flow rate**
 - Pleated single layer filter media with ultra fine polypropylene micron fibers achieve high porosity and wide filtration area.
- **Low extractables**
 - Since binders or surfactants are not used in filter, extractables are extremely low.

Materials of Construction

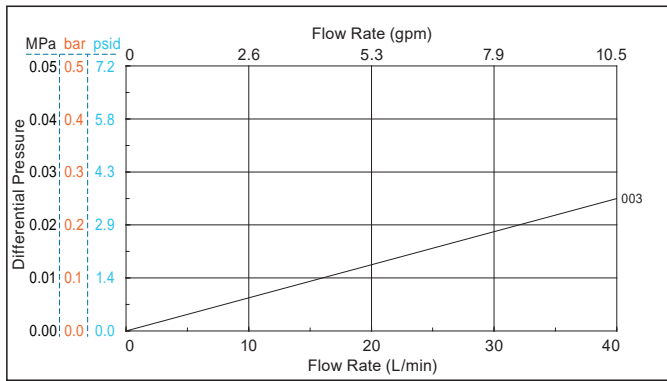


Specification

Product Type		MBP
Micron Rating (µm)		0.3
E.F.A. (m ² / 250mm)		0.72
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)		0.86MPa (8.6bar, 124psid)
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 (%)
0.3	>99.9

<Test Conditions>
 Equipment: Particle Counter in Liquid
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter / minute
 Dust : ALUMINA+BOEHMITE

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

Ordering Information

2 5 0 L - M B P - 0 0 3

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

[Product Type]

[Micron Rating]
 003 = 0.3μm

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

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

[Packaging Code]
 A = 1pc
 B = 6pcs
 C = 10pcs
 F = 25pcs

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.