
PRESTABLE

MAP Type

Major Applications

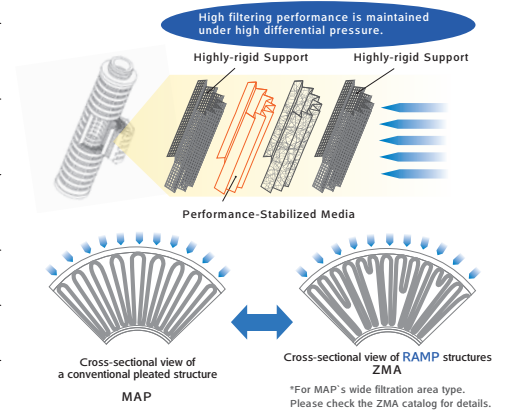
- Adhesive
- Resin dissolving liquid
- Coating agent for film
- Conductive/ Insulation paste
- Other high viscosity liquids, paste

Features

- Filter structure designed for high-viscosity liquids
- High rigid support media
- Adoption of performance stabilized media
- 100% Polypropylene
- No use of binder or surfactant

Advantages

- High maximum differential pressure (0.86MPa)
- Excellent differential pressure vs. flow rate for high viscosity
- High filtration stability against differential pressure fluctuation
- Wide range of fluid compatibility
- Low extractables risk

Structure

Specifications

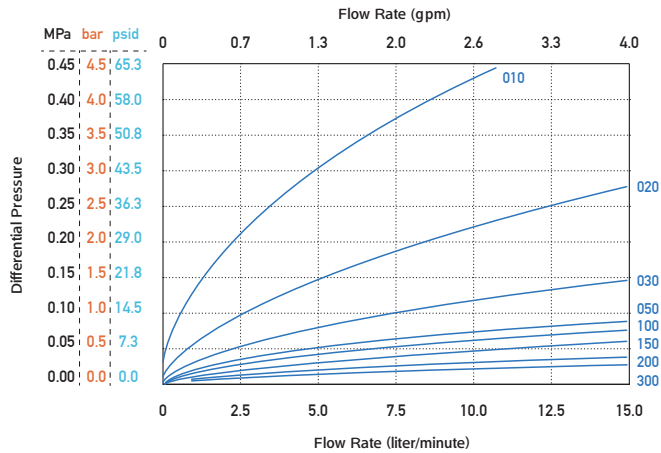
	010	020	030	050	100	150	200	300
Grades	010	020	030	050	100	150	200	300
Micron Ratings (μm)	1.0	2.0	3.0	5.0	10	15	20	30
E.F.A. ($\text{m}^2/250\text{mm}$)	0.25	0.29	0.33	0.30	0.30	0.28	0.26	0.24
Media	Polypropylene							
Materials Core/Cage/Support	Polypropylene							
End Cap	Polypropylene							
Maximum ΔP	0.86MPa at 20°C (125psi at 68°F)							
Maximum Operating Temp	80 °C (176°F)							
Length	125 / 250 / 500 / 750 mm							
Dimensions	O.D.	70.0mm						
	I. D.	25.6 (for 0.5) / 26.1 (for F) / 29.5 (for 7) mm						
Adaptable Food Sanitation Standard	All raw materials meet the requirement of FDA 21 CFR *1							

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

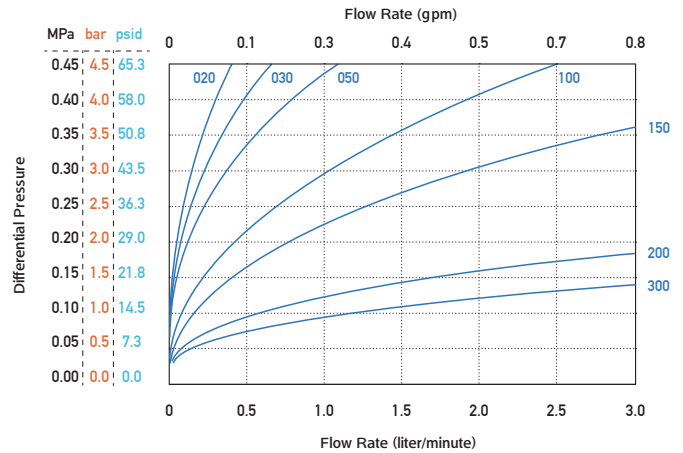
*1 Applicable Gaskets and O-ring materials exclude EPDM.

Differential Pressure vs Flow Rate

Fluid: CMC (1Pa·s) / Cartridge Length: 250mm



Fluid: CMC (50Pa·s) / Cartridge Length: 250mm



Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)							
Particle Size (μm)	010	020	030	050	100	150	200	300
1.0	> 99.9							
2.0		> 99.9						
3.0			> 99.9					
5.0				> 99.9	> 98			
10					> 99.9			
15						> 99.9		
20							> 99.9	
30								> 99.9

Test Conditions

Equipment : Liquid Particle Counter
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ACFTD+LATEX Beads (MAP-010~150)
 Diatomaceous earth (MAP-200·300)

Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
2 5 0 L	-MAP-	0 1 0	S	7	C
125 = 125 mm 250 = 250 mm 500 = 500 mm 750 = 750 mm		010 = 1.0 μm 020 = 2.0 μm 030 = 3.0 μm 050 = 5.0 μm 100 = 10 μm 150 = 15 μm 200 = 20 μm 300 = 30 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	B = 6pcs C = 10pcs F = 25pcs

End Cap Code



*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.



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MS CM009

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