



## PRESTABLE

# ZMA Type

### Major Applications

Resin dissolving liquid

Coating agent for film

Conductive/ Insulation paste

Other high viscosity liquids, paste

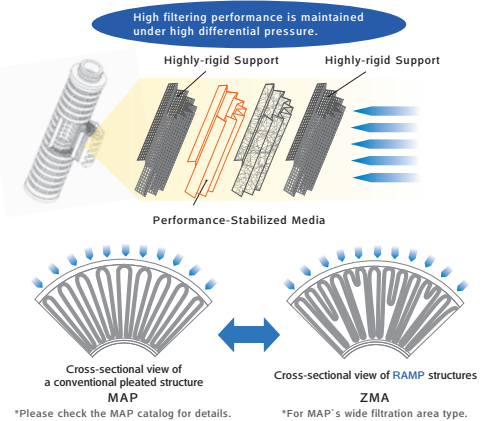
### Features

- Wide filtration area by RAMP structure
- High rigid support media
- Adoption of performance stabilized media
- 100% Polypropylene
- No use of binder or surfactant

### Advantages

- Low differential pressure, long service life
- Excellent differential pressure vs. flow rate for high viscosity liquids
- High filtration stability against differential pressure fluctuation
- Wide range of fluid compatibility
- Low extractables risk

### Structure



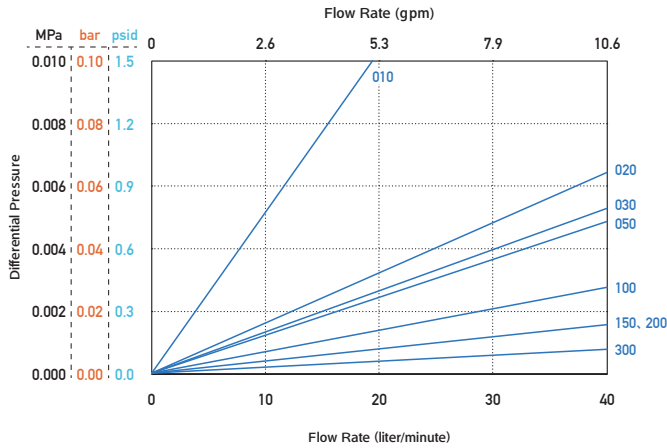
## Specifications

	010	020	030	050	100	150	200	300
Grades	010	020	030	050	100	150	200	300
Micron Ratings ( $\mu\text{m}$ )	1.0	2.0	3.0	5.0	10	15	20	30
E.F.A. ( $\text{m}^2/250\text{m m}$ )	0.31	0.36	0.40	0.36	0.38	0.34	0.32	0.30
Media	Polypropylene							
Materials Core/Cage/Support	Polypropylene							
End Cap	Polypropylene							
Maximum $\Delta\text{P}$	0.49MPa at 20°C (71psi at 68°F)							
Maximum Operating Temp	80 °C (176°F)							
Length	62.5 / 125 / 250 / 500 / 750 mm							
O.D.	70.0mm							
I. D.	25.6 (for 0.5) / 26.1 (for F) / 29.5 (for 7) mm							

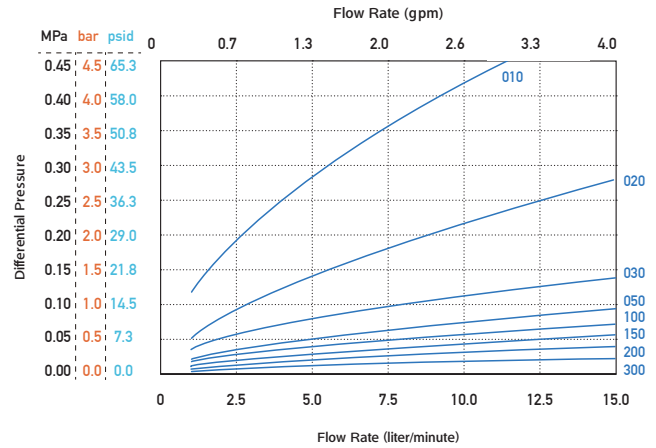
\*If you need further information on specifications (length, end cap type, etc.), please contact us.

## Differential Pressure vs Flow Rate

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



Fluid: CMC (1Pa·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 (ZMA-010~150)  
 Diatomaceous earth (ZMA-200·300)

## Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<b>2 5 0 L</b>	<b>-ZMA-</b>	<b>0 1 0</b>	<b>S</b>	<b>7</b>	<b>C</b>
62.5 = 62.5mm 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.



4th Issue  
 ZMA210315E