


CLASSIGO-PURE
ZCLP Type
Major Applications

Various pastes for MLCC

Color resist for image sensor

Others high-concentration dispersion

Features

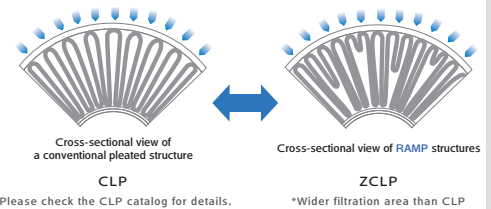
- Polypropylene microfiber and unique consolidation process
- Wide filtration area by RAMP structure
- 100% flushed before shipment
- 100% Polypropylene

Advantages

- Capable of fine filtration of low-viscosity pastes and cutting-edge color resists
- Low differential pressure, long service life
- Reduction of fiber release
- Wide range of fluid compatibility

Structure

The RMP Structure makes lower differential pressure and longer life than conventional (CLP) product.

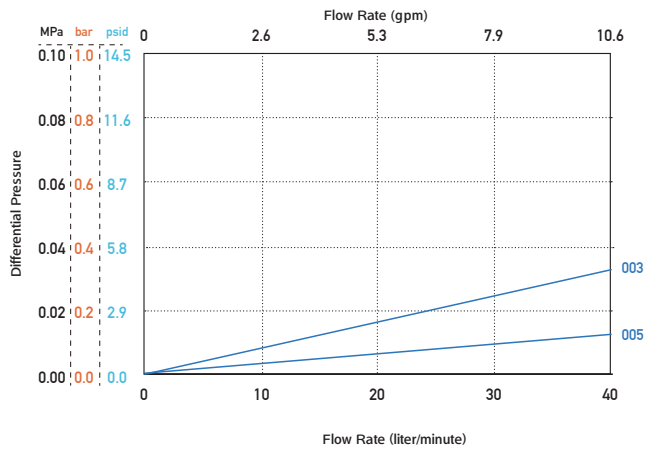

Specifications

Grades	003	005
Micron Ratings (μm)	0.3	0.5
E.F.A. ($\text{m}^2/250\text{m m}$)	0.74	0.66
Media	Polypropylene	
Materials Core/Cage/Support	Polypropylene	
End Cap	Polypropylene	
Maximum ΔP	0.49MPa at 20°C (71psi 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) / 29.5 (for 7) mm

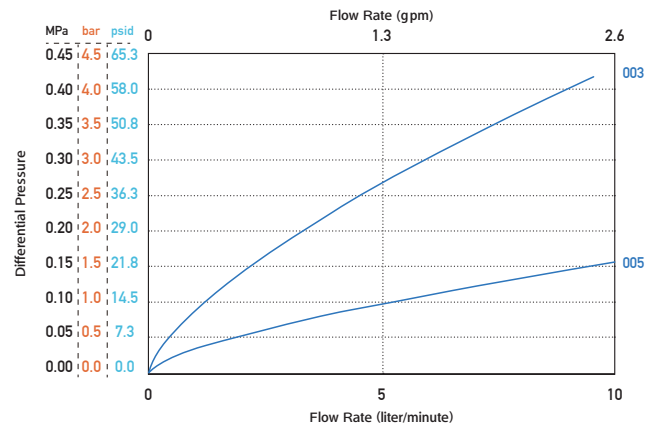
*If you need further information on specifications (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

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



Fluid: CMC (100mPa·s, RT) / Cartridge Length: 250mm



Particle Removal Efficiency

Grades Particle Size (μm)	Particle Removal Efficiency (%)	
	003	005
0.3	> 99.9	
0.5		> 99.9

Test Conditions

Equipment : Liquid Particle Counter
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ALUMINA

Ordering Information

Length	Product Type	Micron Rating	O-Ring	End Cap Code	Packaging Code
2 5 0 L	-ZCLP-	0 0 3	E	0	B
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		003 = 0.3 μm 005 = 0.5 μm	E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM	0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	A = 1pc B = 6pcs C = 10pcs F = 25pcs

End Cap Code

Code 0



Code 5



Code 7



*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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MIS CM009

3rd Issue
 ZCLP211001E