


CLASSIGO-PURE
CLP Type
Major Applications

Various pastes for MLCC

Color resist for image sensor

Other high-concentration dispersions

Features

- Polypropylene microfiber and unique consolidation process
- Optimized pleated structure
- 100% flushing before shipment
- 100% Polypropylene

Advantages

- Capable of fine filtration of low-viscosity pastes and cutting-edge color resists
- Excellent differential pressure vs. flow rate and long service life
- Reduction of fiber release
- Wide range of fluid compatibility

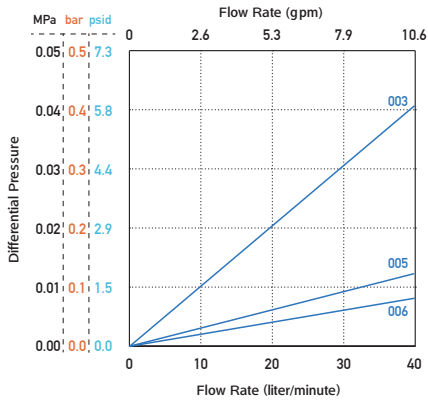
Specifications

		003	005	006
Grades		003	005	006
Micron Ratings (μm)		0.3	0.5	0.6
E.F.A. ($\text{m}^2/250\text{mm}$)		0.57	0.51	0.51
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		
O.D.		70.0mm		
I. D.		25.6 (for 0.5) / 29.5 (for 7) mm		

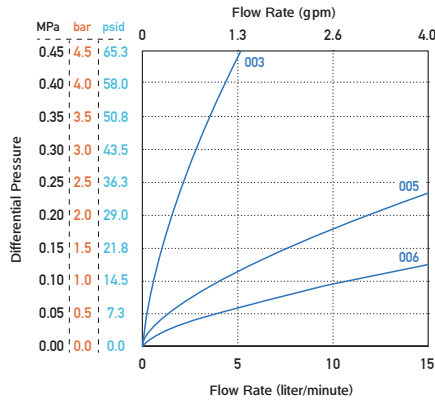
*If you need further information on specifications (length, end cap type, etc.), please contact us.

Differential Pressure vs Flow Rate

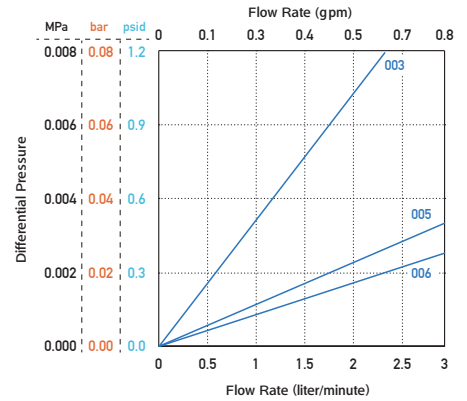
Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



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



Fluid: Refined Water 20°C (68°F) / Cartridge Length: 100mm (LPM)



Particle Removal Efficiency

Grades Particle Size (μm)	Particle Removal Efficiency (%)		
	003	005	006
0.3	> 99.9		
0.5		> 99.9	
0.6			> 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	-CLP-	0 0 3	E	0	B
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		003 = 0.3 μm 005 = 0.5 μm 006 = 0.6 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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MS CM009

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