


**CLASSIGO-PURE**
**CLN Type**
**Major Applications**

Dielectric slurry for MLCC

CMP slurry

Other high-concentration dispersions

**Features**

- Our unique nylon nanofiber filter media (high porosity)
- Uniform pore size distribution compared to polypropylene non-woven fabric
- 100% integrity tested
- 100% flushing before shipment

**Advantages**

- Excellent flow rate with fine filtration of 0.5  $\mu\text{m}$  or less
- Reduction of leakage of coarse particles
- High reliability
- Reduction of fiber release

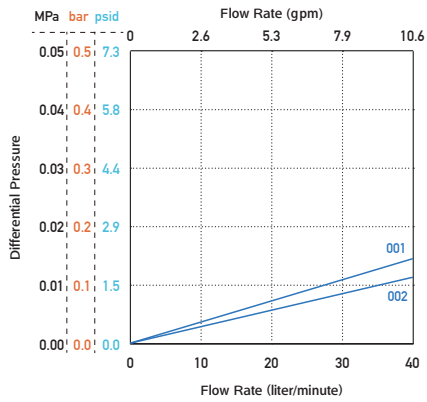
**Specifications**

Grades	001	002
Micron Ratings ( $\mu\text{m}$ )	0.1	0.2
E.F.A.	0.48m <sup>2</sup> /250mm	
Media	Nylon	
Materials Core/Cage/Support	Polypropylene	
End Cap	Polypropylene	
Maximum $\Delta P$	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) / 30.0 (for 7) mm	

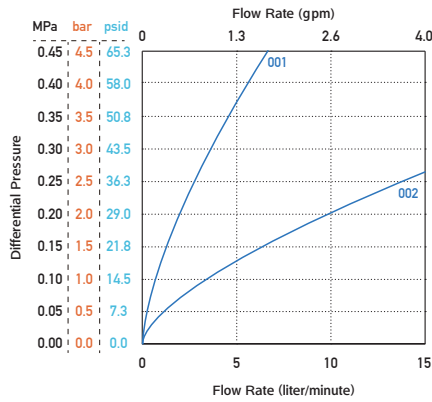
\*If you need further information on specifications (length, end cap type, etc.), please contact us.

## Differential Pressure vs Flow Rate

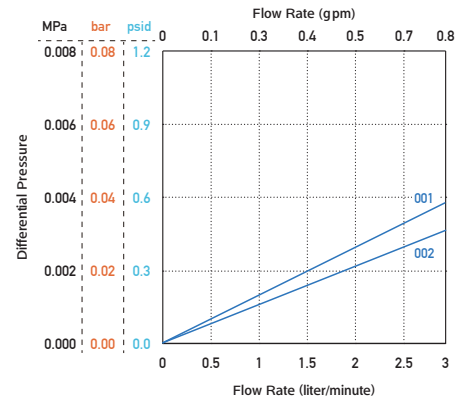
Fluid: Refined Water 20°C (68°F) / Cartridge Length: 250mm



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



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



## Particle Removal Efficiency

Grades	Particle Removal Efficiency (%)	
	001	002
0.1	> 99.9	
0.2		> 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
<b>2 5 0 L</b>	<b>-CLN-</b>	<b>0 0 1</b>	<b>E</b>	<b>0</b>	<b>B</b>
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		001 = 0.1 μm 002 = 0.2 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.



6th Issue  
 CLN200705E