


CLASSIGO-PURE
CVP Type
Major Applications

Various pastes for MLCC

Other high-concentration dispersions

Features

- Pleated structure with optimized filter media thickness
- Stable particle removal performance even under high differential pressure
- Optimize the final layer with unique consolidation process
- 100% Polypropylene

Advantages

- Achieves submicron filtration by ensuring liquid permeability while filtering high-viscosity fluids of 10 Pa · s or more
- Removes coarse base metal particles and aggregates of 0.8 μm or more
- Wide range of fluid compatibility

Specifications

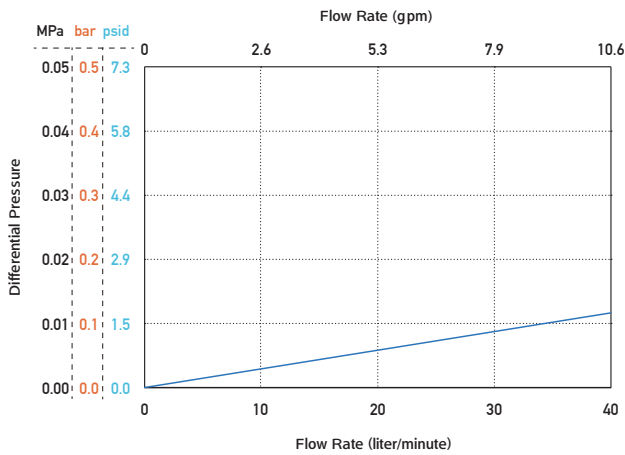
| | |
|------------------------------------|---|
| Grades | 006 |
| Micron Ratings | 0.6 μm |
| E.F.A. | 0.48m ² /250mm |
| Media | Polypropylene |
| Materials | Core/Cage/Support |
| | Polypropylene |
| | End Cap |
| | Polypropylene |
| Maximum ΔP | 0.49MPa at 20°C (71psi at 68°F) |
| Maximum Operating Temp | 80 °C (176°F) |
| Length | 125 / 250 / 500 / 750 mm |
| Dimensions | O.D. |
| | 70.0mm |
| | I. D. |
| | 25.6 (for 0, 5) / 30.0 (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.

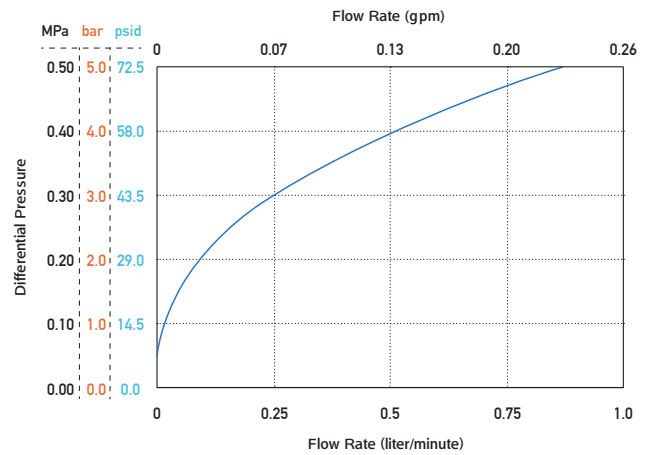
*1 Applicable Gaskets and O-ring materials exclude EPDM.

Differential Pressure vs Flow Rate

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



Fluid: CMC (10Pa · s, RT) / Cartridge Length: 250mm



Particle Removal Efficiency

| Grades | Particle Removal Efficiency (%) |
|--------------------|---------------------------------|
| Particle Size (μm) | 006 |
| 0.6 | > 99.9 |

Test Conditions

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

Ordering Information

| Length | Product Type | Micron Rating | O-Ring | End Cap Code | Packaging Code |
|--|--------------|---------------|--|--|---|
| 2 5 0 L | -CVP- | 0 0 6 | E | 0 | A |
| 125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm | | 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.



6th Issue
 CVP200709E