



CERTAIN-PORE

CTY Type

Major Applications

- Water-based organic solvent
- Acid and alkaline chemicals
- Water-based resin solution

Features

- Hydrophilic PTFE membrane
- 100% simplified integrity test
- High rigid support media

Advantages

- Permeable with high surface tension without pre-wetting
- Excellent chemical compatibility
- High reliability
- Excellent differential pressure vs. flow rate for high viscosity liquids

Specifications

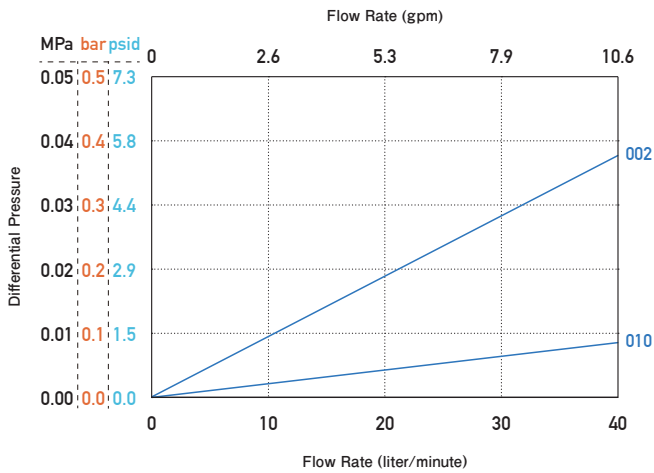
| | | |
|------------------------------------|---|-----|
| Grades | 002 | 010 |
| Micron Ratings (µm) | 0.2 | 1.0 |
| E.F.A. | 0.79m ² /250mm | |
| Media | Hydrophilic PTFE Membrane | |
| Materials Core/Cage/Support | Polypropylene | |
| End Cap | Polypropylene | |
| Maximum ΔP | 0.49MPa at 20°C (71 psi 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) / 26.1 (for F) / 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



Ordering Information

| Nominal Length | Product Type | Micron Rating | Gasket/O-Ring | End Cap Code | Packaging Code |
|--|--------------|------------------------------|--|--|---|
| 250 L | -CTY- | 002 | V | 7 | F |
| 125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm | | 002 = 0.2 μm 010 = 1.0 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 | A = 1pc 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.



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MS CM009

4th Issue
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