


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

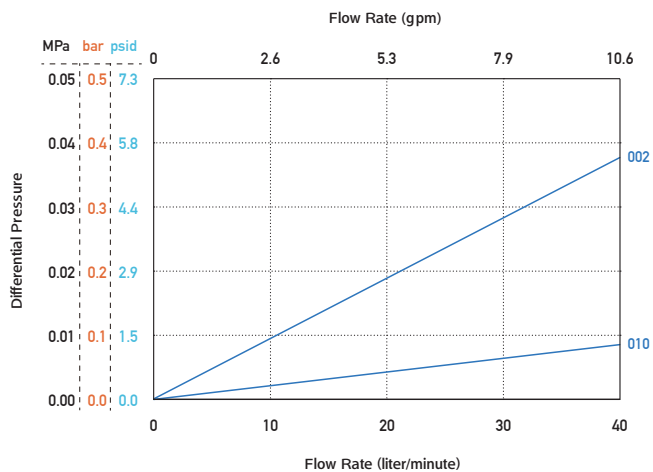
Grades	002	010
Micron Ratings (μ m)	0.2	1.0
E.F.A.	0.79m ² /250mm	
Media	Hydrophilic PTFE Membrane	
Materials Core/Cage/Support	Polypropylene	
End Cap	Polypropylene	
Maximum Δ P	0.49MPa at 20°C (71psi at 68°F)	
Maximum Operating Temp	80 °C (176°F)	
Length	125 / 250 / 500 / 750 mm	
Dimensions O.D.	70.0mm	
I. D.	25.6 (for 0.5) / 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

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
<div style="display: flex; justify-content: space-around;"> 250L </div> <p>▼</p> <p>125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm</p>	-CTY-	<div style="display: flex; justify-content: space-around;"> 002 </div> <p>▼</p> <p>002 = 0.2 μm 010 = 1.0 μm</p>	<div style="display: flex; justify-content: center;"> V </div> <p>▼</p> <p>S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)</p>	<div style="display: flex; justify-content: center;"> 7 </div> <p>▼</p> <p>F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin</p>	<div style="display: flex; justify-content: center;"> F </div> <p>▼</p> <p>A = 1pc B = 6pcs C = 10pcs F = 25pcs</p>

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.

ROKI GROUP International Pte. Ltd.

6-20-12, Minami-Oi, Shinagawa-ku Tokyo, 140-0013 Japan
TEL: +81-3-5764-1131 FAX: +81-3-5764-0681

www.rokiglobal.com

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

5th Issue
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