ROKI TECHNO

Surface (Membrane)

CERTAIN-PORE

CFN Type

Major Applications

Various water-based solutions

Example:
Ultrapure water, Chemicals,
Water-based dye inks, etc.

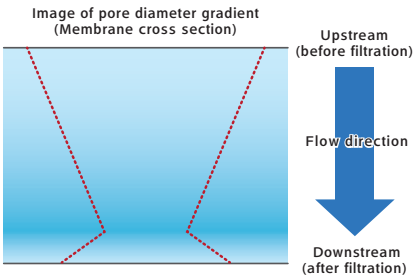
Features

- Asymmetric hydrophilic polysulfone membrane
- 100% integrity tested

Advantages

- Excellent differential pressure vs. flow rate
- Long service life
- High reliability

Structure



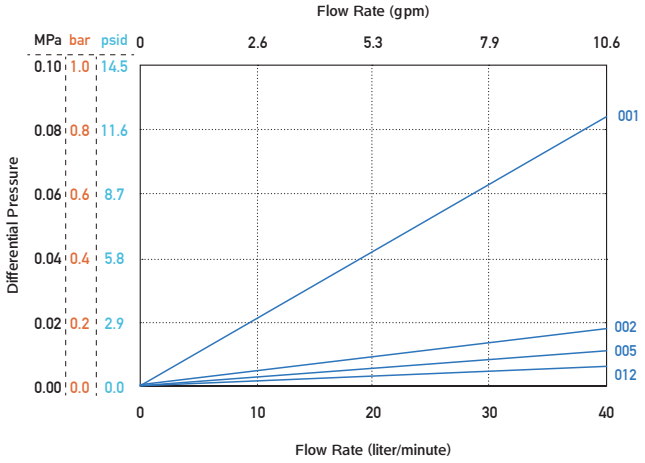
Specifications

Grades		001	002	005	012
Micron Ratings (μm)		0.1	0.2	0.45	1.2
E.F.A. (m²/250mm)		0.76	0.76	0.76	0.76
Materials	Media	Polysulfone (PSU) Membrane			
	Core/Cage/Support	Polypropylene			
	End Cap	Polypropylene			
Maximum ΔP		0.49MPa at 20℃ (71psi at 68°F)			
Maximum Operating Temp		80 ℃ (176°F)			
Dimensions	Length	125／250／500／750 mm			
	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 specifcations (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℃ (68℉) / Cartridge Length: 250mm



Ordering Information

Length	Product Type	Micron Rating	Gasket/O-Ring	End Cap Code	Packaging Code
2 5 0 L	-CFN-	0 0 1	V	0	A
125 = 125mm		001 = 0.1 μm	S = Silicone	F = Flat Gaskets	A = 1pc
250 = 250mm		002 = 0.2 μm	E = EPDM	0 = 2-222 O-Ring	B = 6pcs
500 = 500mm		005 = 0.45 μm	N = NBR	5 = 2-222 O-Ring + Fin	C = 10pcs
750 = 750mm		012 = 1.2 μm	V = FKM	7 = 2-226 O-Ring + Fin	F = 25pcs
			T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)		

End Cap Code

Code F

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.

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.

JQA-QMA16323 MS CM009

4th Issue

CFN210901E