

CER Type

(Polyethersulfone Membrane)
(For Electronics industry)

Major Applications

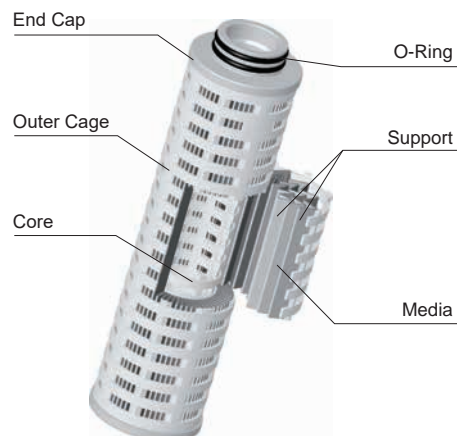
- Ultra-pure water and chemical solution in the manufacturing process of LCD panel
- Ultra-pure water and chemical solutions in the semiconductor industry
- Others



Features & Benefits

- **Asymmetric polyethersulfone membrane (hydrophilic)**
 - Due to its asymmetric structure and gradient pore size from up-stream side to down-stream side, a long service life is achieved by preventing surface blockage on membrane.
 - Excellent resistance to chemicals such as acidic and alkaline chemicals
- **100% ultra-pure water cleaning**
- **100% integrity test**
- **Clean double bag packaging**

Materials of Construction

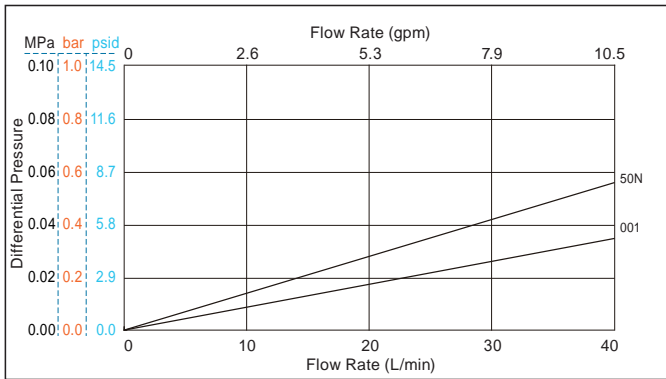


Specification

Product Type		CER	
Micron Rating (µm)		0.05	0.1
E.F.A. (m ² / 250mm)		0.77	
Dimensions	O.D. (mm)	70.0	
	I. D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)	
Materials	Media	Polyethersulfone (PES) Membrane	
	Support	Polypropylene	
	Core, Outer Cage, End Cap	Polypropylene	
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)	
Maximum Operating Temp.		80°C (176°F)	

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

Flow Rate



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

* The data does not include piping pressure drop.

* The above data is based on our test condition, and is not guaranteed value.

Ordering Information

2 5 0 L - C E R - 0 0 1



[Nominal Length]
 125 = 125mm
 250 = 250mm
 500 = 500mm
 750 = 750mm



[Product Type]



[Micron Rating]
 50N = 0.05μm
 001 = 0.1μm

V



[Gasket/O-Ring]
 S = Silicone
 E = EPDM
 N = NBR
 V = FKM
 T = FEP Encapsulated FKM (for 0, 5, 7)
 PTFE (for F)

0



[End Cap Code]
 F = Flat Gaskets
 0 = 2-222 O-Ring
 5 = 2-222 O-Ring + Fin
 7 = 2-226 O-Ring + Fin

A



[Packaging Code]
 A = 1pc
 B = 6pcs
 C = 10pcs
 F = 25pcs

End Cap Code



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.

*The contents of the catalog are subject to change without notice.