

CSS Type (Polysulfone Membrane)

The CSS cartridges are hydrophilic filters, constructed of Polysulphone membrane and polypropylene components. The CSS cartridges are designed for the critical filtration such as ultra-pure water in the electronic and semi-conductor industries.

Features

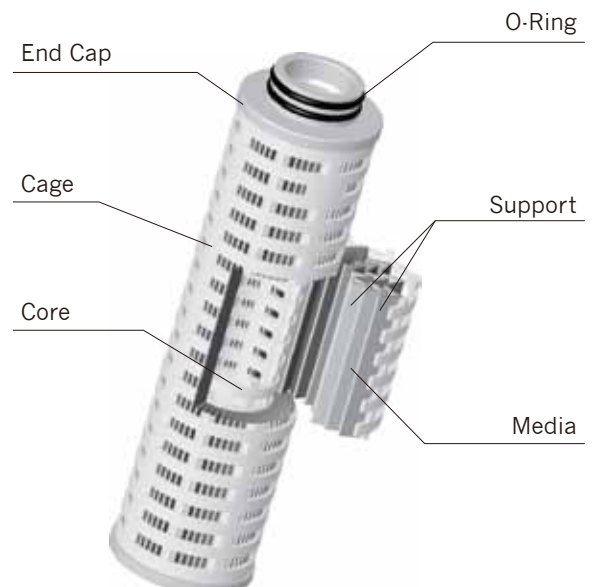
- Structured of asymmetric membrane, the CSS cartridges provide longer service life and higher flow rates
- All the cartridges are integrity tested and flushed with DI water prior to shipment, which provides high reliability
- The CSS cartridges can be used for the filtration of aqueous solutions without hydrophilic treatment, since the polysulphone media has an inherent hydrophilic radical



Major Applications

- Ultra-pure water and chemical solutions in the manufacturing process of liquid crystal panels
- Ultra-pure water and chemical solutions in the semi-conductor industry
- Others

Materials of Construction

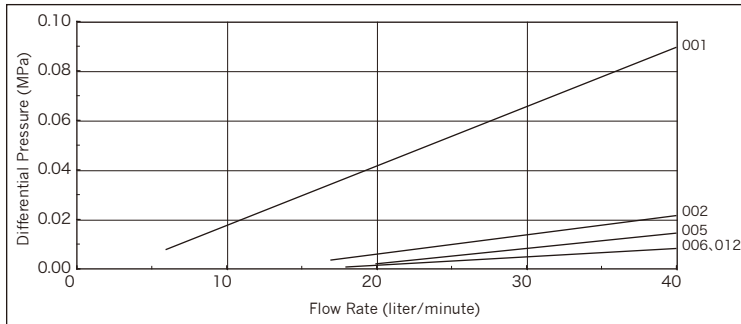


Ez-Change™ Capsule Filter Cartridge

This product can be installed in the Capsulate Filter "Ez-Change". Please refer to the Ez-Change catalog in detail.

Differential Pressure vs Flow Rate

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



※The data do not include piping pressure drop.

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

Ordering Information

250	L	- CSS -	001	V	O	A
↓		↓	↓	↓	↓	↓
[Nominal Length] 125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		[Product Type]	[Micron Rating] 001 = 0.1 μm 002 = 0.2 μm 005 = 0.45 μm 006 = 0.65 μm 012 = 1.2 μm	[Gasket/O-Ring] S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for O, 5, 7) PTFE (for F)	[End Cap Code] F = Flat Gaskets O = 2-222 O-Ring 5 = 2-222 O-Ring+Fin 7 = 2-226 O-Ring+Fin	[Packaging Code] A = 1pc B = 6pcs C = 10pcs F = 25pcs

Specification

Product Type		CSS				
Grade		001	002	005	006	012
Micron Rating (μm)		0.1	0.2	0.45	0.65	1.2
E.F.A. (m ² /250L)		0.75	0.75	0.75	0.70	0.75
Dimensions	Length (mm)	125 / 250 / 500 / 750				
	O.D. (mm)	70.0				
	I. D. (mm)	26.1 (for F) / 25.6 (for O, 5) / 30.0 (for 7)				
Materials Media	Media	Polysulfone (PSU) Membrane				
	Support	Polypropylene				
	Core	Polypropylene				
	Cage	Polypropylene				
	End Cap	Polypropylene				
	Gasket/O-Ring	Silicone / EPDM / NBR / FKM / FEP Encapsulated FKM (for O, 5, 7) / PTFE (for F)				
	Maximum ΔP (MPa)at 20°C	0.49				
	Maximum Operating Temp.(°C)	80				

The products are manufactured under control by the quality management system registered as conforming to the ISO9001 standard.



Scope: Manufacture of Filter cartridges

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

End Cap Code



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