

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

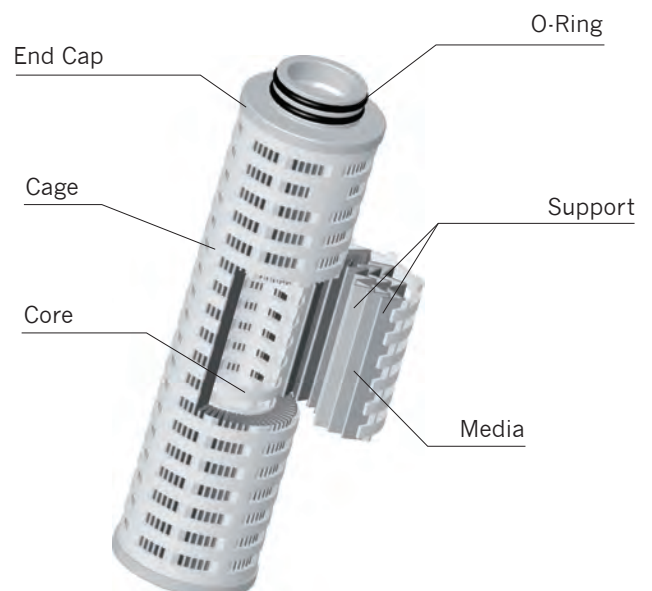
- Structured of asymmetric membrane, the CSS cartridges provide longer service life and higher flow rates
- All the cartridges are integrity tested and flushed with DI water prior to shipment, which provides high reliability
- The CSS cartridges can be used for the filtration of aqueous solutions without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

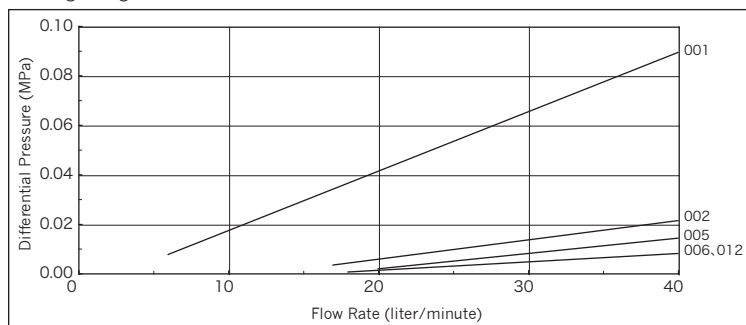


Ez-Change™
Capsule Filter Cartridge

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



※The data do not include piping pressure drop.

Ordering Information

250	L	CSS	-	001	V	O	A
[Nominal Length]		[Product Type]		[Micron Rating]	[Gasket/O-ring]	[End Cap Code]	[Packaging Code]
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm				001 = 0.1 μm 002 = 0.2 μm 005 = 0.45 μm 006 = 0.65 μm 012 = 1.2 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for O, 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

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. (nl/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 0, 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 0, 5, 7) / PTFE (for F)				
	Maximum ΔP (MPa)at 20°C	0.49				
	Maximum Operating Temp.(°C)	80				
	Adaptable Food Sanitation Standard	Ministry of Health, Labour and Welfare, Notice 370				

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.