

## CSS Q Flow Type

For high flow filtration applications  
(Polysulfone Membrane)

The CSS Q Flow cartridges are designed for \*high-flow filtration.

Comparing with conventional cartridge filters, the CSS Q Flow cartridges realize 4 times higher flow rate. Due to the higher flow rate, this filter helps to reduce both initial costs and running costs.

### 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 polysulfone media has an inherent hydrophilic radical.

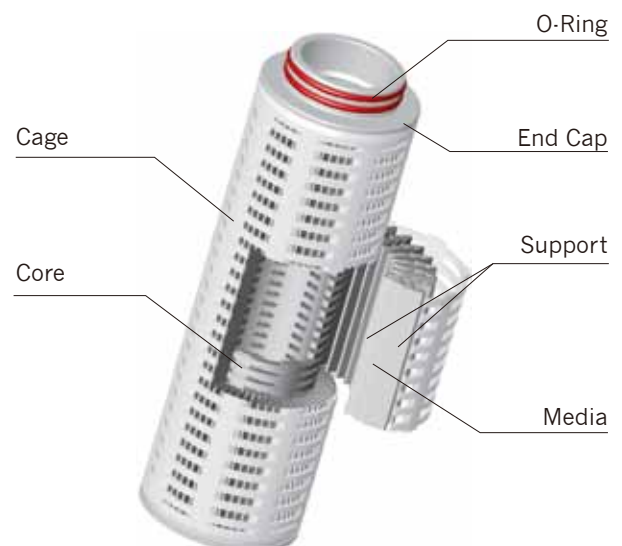


### Major Applications

- 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

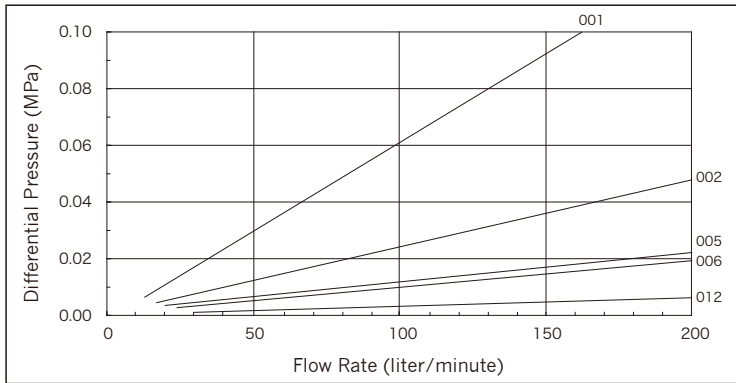
\*Depending on actual operating conditions, the suitable flow rate varies. Please consult our sales representatives for filter selection.

### Materials of Construction



## 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

<b>250</b>	<b>L-CSS</b>	<b>002</b>	<b>V</b>	<b>E</b>	<b>A</b>
[Nominal Length]	[Product Type]	[Micron Rating]	[Gasket/O-Ring]	[End Cap Code]	[Packaging Code]
250 = 250mm 500 = 500mm 750 = 750mm 1000 = 1000mm		001 = 0.1μm 002 = 0.2μm 005 = 0.45μm 006 = 0.65μm 012 = 1.2μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for W,1) A = Foamed PTFE (for E)	E = Flat Gaskets W = 2-227 O-Ring 1 = 2-222 O-Ring	A = 1 pc B = 6 pcs C = 10 pcs

## Specification

Product Type		CSS Q Flow Type				
Grade		001	002	005	006	012
Micron Rating (μm)		0.1	0.2	0.45	0.65	1.2
E.F.A. (m <sup>3</sup> /250L)		1.25				
Dimensions	Length (mm)	250 / 500 / 750 / 1000				
	O.D. (mm)	83.0				
	I. D. (mm)	49.0 (for E,W) / 33.5 (for 1)				
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 1) / PTFE (for E)				
	Maximum ΔP (MPa)at 20°C	0.35				
	Maximum Operating Temp.(°C)	80				

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



QMS  
ISO9001  
JSAQ1436



JAB  
CM001

Scope: Manufacture of Filter cartridges

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

※Q Flow exclusive housings are available. Depending on applications and filtration volume, we are pleased to offer the most suitable product, please contact us for further information.

## End Cap Code



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