

CTA Type (Hydrophobic PTFE Membrane)

The CTA cartridges are hydrophobic membrane filters, constructed of PTFE media and polypropylene components. The CTA cartridges are suitable for the filtration of high-performance liquids and organic solvents in the electronic and semiconductor industries.

Features

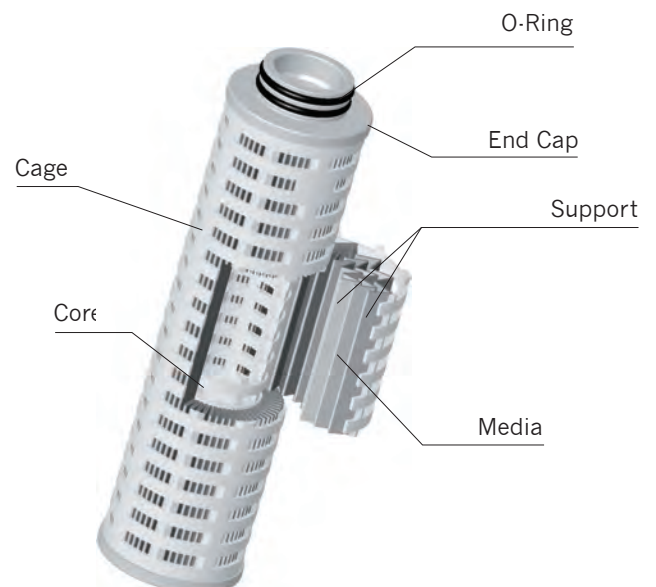
- Constructed of PTFE media and polypropylene components, the CTA cartridges provide excellent chemical compatibility
- All the cartridges are flushed with DI water prior to shipment from our manufacturing facilities
- No binders or surfactants are used in the manufacturing process, which provides low extractables

Major Applications

- High-performance liquids and chemical solutions in the electronic industry
- High-purity solutions and organic solvents
- Others



Materials of Construction

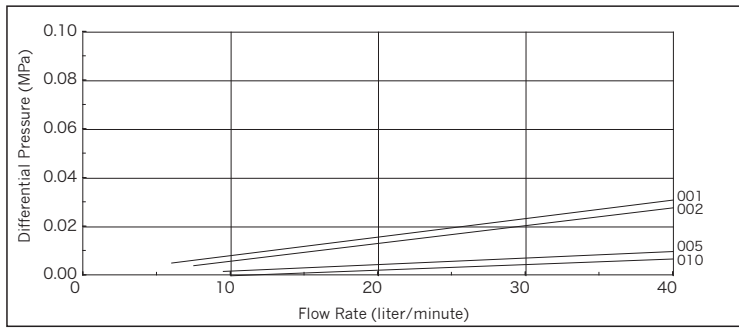


Ez-Change™ Capsule Filter Cartridge

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	-	CTA	-	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 010 = 1.0 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	F = Flat Gaskets O = 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		CTA			
Grade		001	002	005	010
Micron Rating (μm)		0.1	0.2	0.45	1.0
E.F.A. (m ³ /250L)		0.96			
Dimen- sions	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	Hydrophobic PTFE 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		FDA 21CFR / 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.