

## CTB Type (Hydrophilic PTFE Membrane)

The CTB cartridges are hydrophilic membrane filters, constructed of PTFE media with hydrophilic treatment and polypropylene components. The CTB cartridges can be used for the filtration of acid and alkali aqueous solutions without prior hydrophilic treatment.

### Features

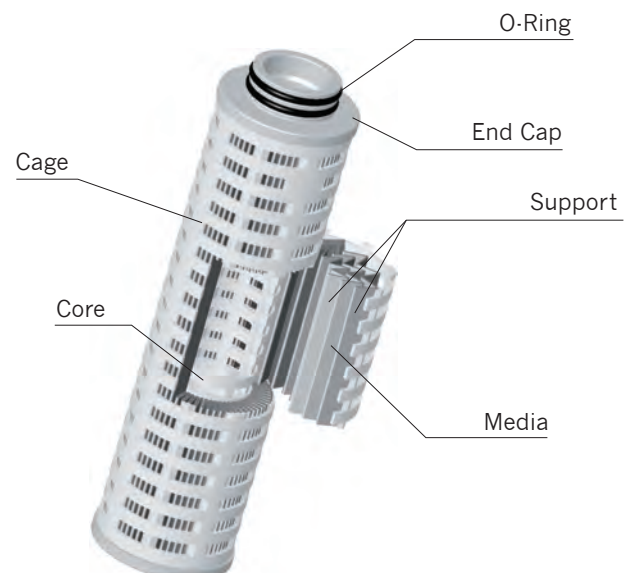
- The CTB cartridges provide excellent chemical compatibility, since they are constructed of PTFE media and polypropylene components
- The extractables of the cartridges are minimal, since they are flushed with DI water prior to shipment
- No binders or surfactants are used in the manufacturing process

### Major Applications

- Acid and alkali aqueous solutions
- High-purity solutions
- Others



### Materials of Construction

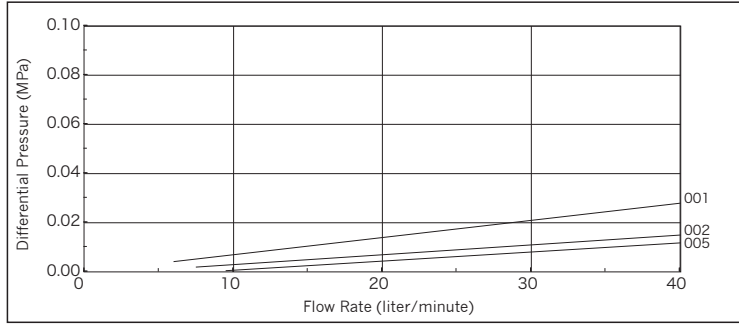


#### Ez-Change™ Capsule Filter Cartridge

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	- CTB -	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 = 0.45μm	[Gasket/O-ring] S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	[End Cap Code] F = Flat Gaskets 0 = 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		CTB		
Grade		001	002	005
Micron Rating (μm)		0.1	0.2	0.45
E.F.A. (ml/250L)		0.96		
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	Hydrophilic 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.