

CERTAIN-PORE Filter Cartridges

CTX Q-Flow Type

(For High Flow Rate)

CERTAIN-PORE Filter Cartridges “CTX Q-Flow type” are large-diameter filter cartridge made by extending the inner and outer diameters of membrane filter CTX type for ultra-precision filtration for the electronic industry and semiconductor industry so that filtration can be conducted ***at a maximum flow of four times** the flow of CTX type.

Features

The inner and outer diameters are larger than standard size of CTX filters and filtration at higher flow rate is feasible using a smaller number of the filter cartridges. “CTX Q-Flow type” therefore contributes to a cost reduction such as work improvement on changing cartridges and saving cartridge cost.

Initial cost reduction and space saving can be achieved by the downsize of housing, since the number of filter cartridges can be reduced as compared with that of standard size filter cartridges.

The “CTX Q-Flow type” filter cartridges are suitable for the filtration of high-performance liquids which demand high removal efficiency and chemical compatibility characteristics.

The “CTX Q-Flow type” filter cartridges are manufactured by the thermal bonding of the media and end plates, thus the extractables of the filters are minimal.

Major Applications

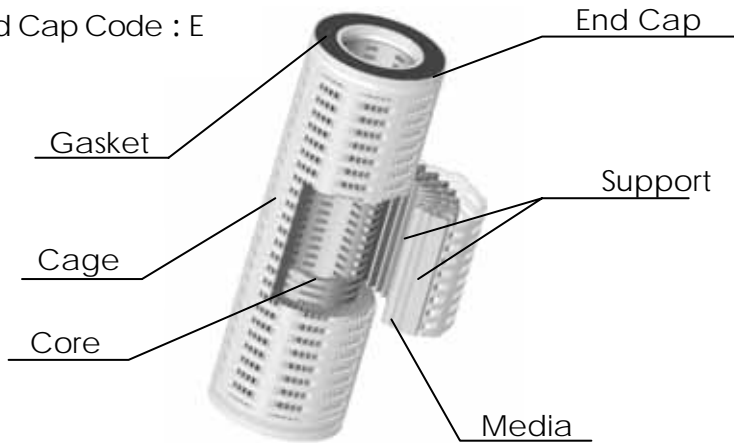
- Process waters and chemicals used in the manufacturing process
- High grade chemicals
- Others

* This is a theoretical flow rate and actual allowable flow rates depend on filtration conditions.
Please consult us for further technical information.

CERTAIN-PORE Filter Cartridges CTX Q-Flow Type

Materials of Construction

End Cap Code : E



End Cap Code : W



Ordering Information

250L-CTX-010

V

E

C

Nominal Length
 250 = 250mm
 500 = 500mm
 750 = 750mm
 1000 = 1000mm

Product Type

Micron Rating
 001 = 0.1 μm
 002 = 0.2 μm
 005 = 0.45 μm
 010 = 1.0 μm

Gasket / O-Ring
 S = Silicone
 E = EPDM
 N = NBR
 V = FKM

End Cap Code
 E = D.O.E.
 W = 2-227O-Ring
 1 = 2-222 O-Ring

Packaging Code
 A = 1/box
 B = 6/box
 C = 10/box

T = FEP Encapsulated FKM (for 1, W)
 A = Foamed PTFE (for E)

Specifications

Product Type		CTX Q-Flow Type			
Grade		001	002	005	010
Micron Rating (μm)		0.1	0.2	0.45	1.0
E.F.A. (m ² /250L)		1.25			
Dimensions	Length (mm)	250 / 500 / 750 / 1000			
	O.D. (mm)	70.0			
	I.D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)			
Material	Filter Media	Hydrophobic PTFE Membrane			
	Support	Polypropylene			
	Core	Polypropylene			
	Cage	Polypropylene			
	End Cap	Polypropylene			
	Gasket/O-Ring	Silicone / EPDM / NBR / FKM FEP Encapsulated FKM (for 1, W) / Foamed PTFE (for E)			
P (MPa) at 20		0.35			
Operating Temp. ()		80			

Filter housings for Q-Flow filter cartridges are available. Please consult us about making a choice of products.

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



ISO9001 : 2000
 REG. No. JSAQ1436
 Scope: Manufacture of filter cartridges

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

Distributor



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