

MICRO-PURE Filter Cartridge

MPX Q-Flow Type

(For High Flow Rate)

MICRO-PURE Filter Cartridges “MPX Q-Flow type” are large-diameter filter cartridge made by extending the inner and outer diameters of MPX type achieving highly removal efficiency and remarkable dust holding capacity so that filtration can be conducted *** at a maximum flow of four times** the flow of MPX type.

Features

The inner and outer diameters are larger than standard size of MPX filters and filtration at higher flow rate is feasible using a smaller number of the filter cartridges. “MPX 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.

Using the smallest diameter of melt-blown PP non-woven and adopting a special production process to keep high dirt holding capacity, “MPX Q-Flow Type” can offer an excellent flow rate and highly improved filter life, resulting in running cost saving.

Because of an excellent flow rate, “MPX Q-Flow” can effectively catch Gel in low pressure drop operation.

Due to a good- balanced filters between removal efficiency and life, “MPX Q-Flow Type” can reduce filter replacement task.

Major Application

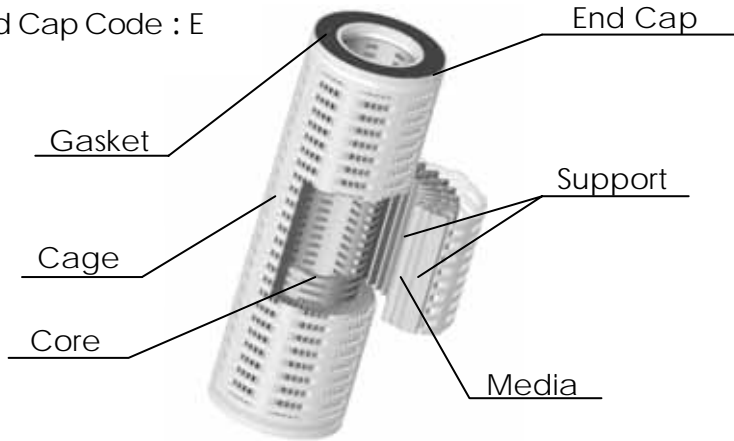
- Electronics : D.I. water and R/O water pre-filtration, Photoresists, Ink -jet
- Food and Beverage: Beer, Wine, Mineral Water
- General Process: Photo Emulsion
- Others

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

MICRO-PURE Filter Cartridges MPX Q-Flow Type

Materials of Construction

End Cap Code : E



End Cap Code : W



Ordering Information

250	L-MPX-	012	E	F	B
Nominal Length	Product Type	Micron Rating	Gasket / O-Ring	End Cap Code	Packaging Code
250 = 250mm 500 = 500mm 750 = 750mm 1000 = 1000mm		006 = 0.6 μm 100 = 10 μm 012 = 1.2 μm 150 = 15 μm 025 = 2.5 μm 200 = 20 μm 045 = 4.5 μm 300 = 30 μm 060 = 6.0 μm 400 = 40 μm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 1, W) A = Foamed PTFE (for E)	E = D.O.E. W = 2-227 O-Ring 1 = 2-222 O-Ring + Fin	A = 1pc B = 6pcs C = 10pcs

Specifications

Product Type	MPX Q-Flow Type										
Grade	006	012	025	045	060	100	150	200	300	400	
Micron Rating (μm)	0.6	1.2	2.5	4.5	6.0	10	15	20	30	40	
E.F.A. (m ³ /250L)	0.83	1.12	1.12	1.12	0.53	0.72	0.80	0.72	0.72	0.56	
Dimensions	Length (mm)	250 / 500 / 750 / 1000									
	O.D. (mm)	83.0									
	I. D. (mm)	49.0 (for W, E) / 33.5 (for 1)									
Materials	Media	Polypropylene									
	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)at20	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
QS Accreditation R001
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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