

MPX Type

(Polypropylene Media)

Halal certified products



Major Applications

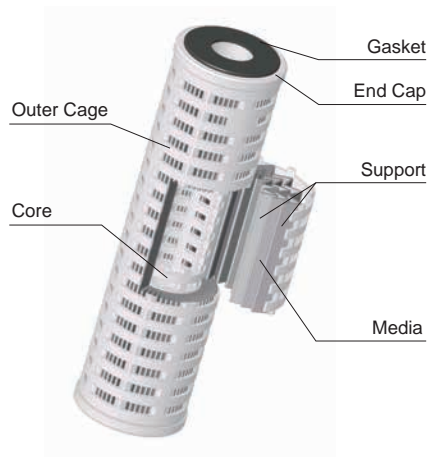
- Chemical solutions
- Beer, Wine, Mineral Water
- General water for industrial use and water for beverages
- Lubricating oils
- Others



Features & Benefits

- **High removal efficiency and high flow rate with low pressure drop are achieved.**
 - High flow rate for even fine filtration rating due to the high porosity of ultrafine non-woven polypropylene fabric.
- **Long service life**
 - Pleated type with wide filtration area can capture foreign particles effectively throughout the whole filter media.
- **Low extractables**
 - Since no binders or surfactants are used in the filter, extractables are extremely low.

Materials of Construction

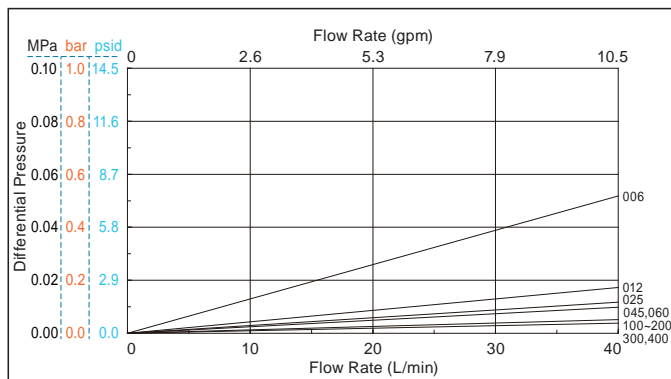


Specification

Product Type		MPX									
Micron Rating (µm)		0.6	1.2	2.5	4.5	6.0	10	15	20	30	40
E.F.A. (m ² / 250mm)		0.55	0.76	0.76	0.76	0.35	0.48	0.53	0.48	0.48	0.38
Dimensions	O.D. (mm)	70.0									
	I. D. (mm)	26.1 (for F) / 25.6 (for 0, 5) / 30.0 (for 7)									
Materials	Media	Polypropylene									
	Support	Polyolefin									
	Core, Outer Cage, End Cap	Polypropylene									
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)									
Maximum Operating Temp.		80°C (176°F)									
Adaptable Food Sanitation Standard		All raw materials meet the requirement of FDA 21 CFR *1									

* For further information on specifications (length, end cap type, etc.), please contact us.
 *1 Applicable Gaskets and O-ring materials exclude EPDM.

Flow Rate



Fluid: Refined Water (20°C (68°F)) Cartridge Length: 250mm
 * The data does not include piping pressure drop.

Particle Removal Efficiency

Particle Size (µm)	Particle Removal Efficiency (%)									
	006	012	025	045	060	100	150	200	300	400
0.6	>98									
1.2	>99.9	>98	>95	>95						
2.5		>99.9	>99.9	>99.9	>99.9	>98				
4.5						>99.9				
6.0							>95			
10.0							>99.8	>95		
15.0							>99.9	>99.8	>98	
20.0								>99.9	>99.7	>98
30.0									>99.9	>99.9

<Test Condition>
 Equipment: Particle Counter in Liquid
 Filtration : Single Pass
 Fluid : Refined Water
 Flow Rate : 10 liter/minute
 Dust : ACFTD+Latex Beads

*The above data is based on our test condition, and is not guaranteed value.

Ordering Information

7 5 0	L - M P X - H	0 0 6	E	F	B
↓	↓	↓	↓	↓	↓
[Nominal Length]	[Product Type]	[Micron Rating]	[Gasket/O-Ring]	[End Cap Code]	[Packaging Code]
125 = 125mm 250 = 250mm 500 = 500mm 750 = 750mm		006 = 0.6µm 100 = 10µm 012 = 1.2µm 150 = 15µm 025 = 2.5µm 200 = 20µm 045 = 4.5µm 300 = 30µm 060 = 6.0µm 400 = 40µm	S = Silicone E = EPDM N = NBR V = FKM T = FEP Encapsulated FKM (for 0, 5, 7) PTFE (for F)	F = Flat Gaskets 0 = 2-222 O-Ring 5 = 2-222 O-Ring + Fin 7 = 2-226 O-Ring + Fin	B = 6pcs C = 10pcs F = 25pcs

End Cap Code



Manufacturing is based on our Quality Management Systems that meet ISO9001 standards.



Scope: Design, Development, manufacture, and sales of filter cartridges, housings and filtration equipment.



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