

EPP Huge-Flow Type

(ϕ 130mm)

For huge-flow filtration applications

The EPP Huge-Flow cartridges are filters that have been modified from EX type for high flow filtration applications. While keeping the features of the depth-type filters (depth filtration), the EPP Huge-Flow cartridges offer both longer service life, achieved by higher removal efficiency and high flow rates, and lower pressure drop with a high cost performance. This makes it possible to realize optimal cost performance.

Features

- By providing higher dust holding capacity that is up to five times^{*1} than conventional filters, the EPP Huge-Flow cartridges contribute to longer service life, resource savings, and reduced costs.

^{*1} : Compared to our standard 250L-size string wound filters.

- When used in combination with the Huge-Flow exclusive housing, the EPP Huge-Flow cartridges provide high flow rates (100-150L/minute) with lower pressure drop, thereby helping to downsize and reduce initial costs.

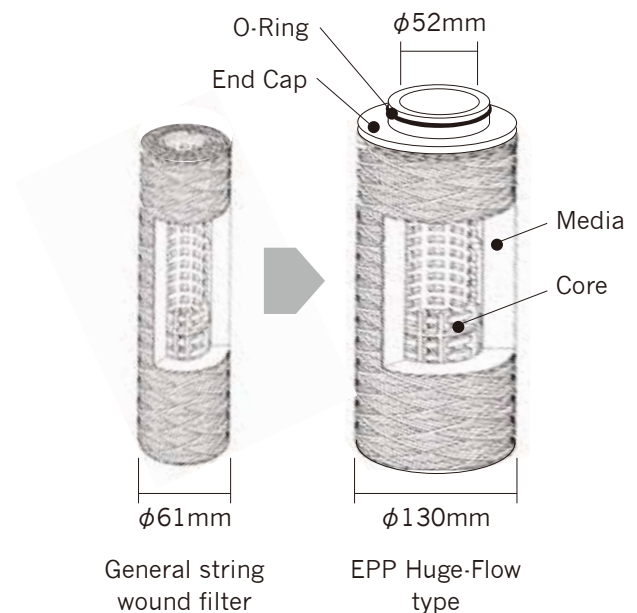
- Because the media, core, and end cap are constructed entirely of polyethylene, the EPP Huge-Flow cartridges offer excellent chemical compatibility characteristics and can be used in a wide variety of liquids.



Major Applications

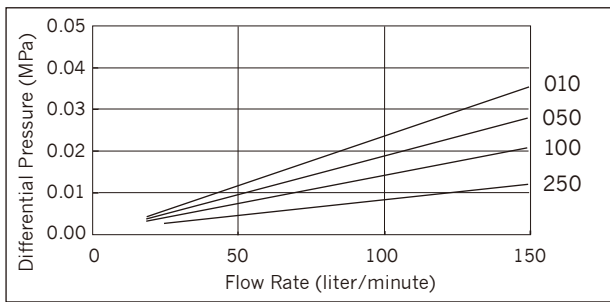
- General water for industrial use and make-up water
- Cooling water and rinsing water
- Use as a pre-filter for high grade filters
- Make-up water in food factories and various beverages
- Chemical solutions
- Water treatment
- Others

Materials of Construction



Differential Pressure vs Flow Rate

Fluid: Refined water (20°C)
Cartridge Length: 250mm



※The above data is only provided as reference.
These values represent our test results, and therefore cannot be guaranteed.

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

Ordering Information

2 5 0	L-EPP-	0 1 0	E	H
↓	↓	↓	↓	↓
[Nominal Length] 250 = 250mm	[Product Type]	[Micron Rating] 010 = 1μm 050 = 5μm 100 = 10μm 250 = 25μm	[Gasket/O-Ring] S = Silicone E = EPDM N = NBR V = FKM	[End Cap Code] H = Single open end (single O-ring)

Specification

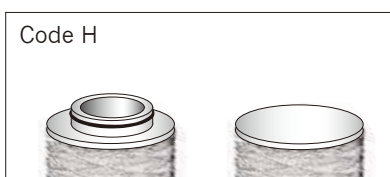
Product Type	EPP Huge-Flow Type			
Grade	010	050	100	250
Micron Rating (μm)	1	5	10	25
Dimensions	Length (mm)			
	250			
	O.D. (mm)			
130.0				
I.D. (mm)				
52.0				
Materials	Media			
	Polypropylene			
	Core			
Polypropylene				
End Cap				
Polypropylene				
Gasket / O-Ring				
Silicone / NBR / EPDM / FKM				
Maximum ΔP (MPa) at 20°C				
0.49				
Maximum Operating Temp. (°C)				
60				
Adaptable Food Sanitation Standard				
FDA 21 CFR				

※For further information on specifications (length, end cap type, etc.), please contact us.

※Exclusive housings for the Huge-Flow type are available.

We can also provide products specially customized according to the application or filtration volume. Please contact us for details.

End Cap Code



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