

## EPP Huge-Flow Type

( $\phi$ 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\*<sup>1</sup> than conventional filters, the EPP Huge-Flow cartridges contribute to longer service life, resource savings, and reduced costs.

\*<sup>1</sup> : 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.

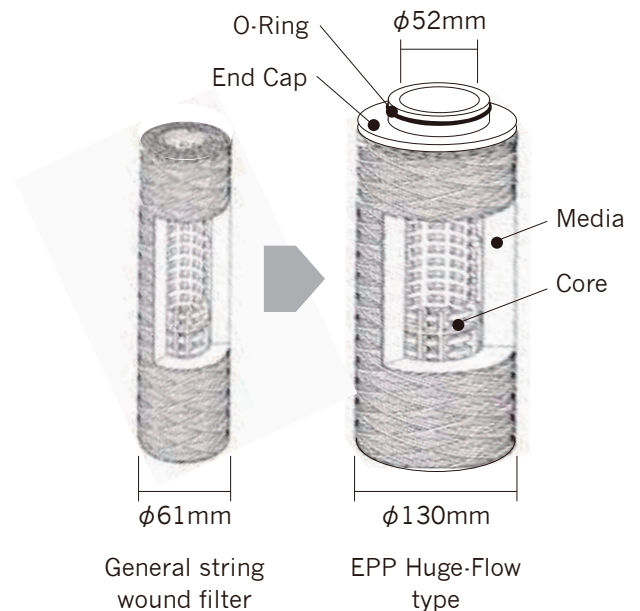
- Because the media, core, and end cap are constructed entirely of polyethylene, the EPP Huge-Flow cartridges offer excellent chemical compatibility characteristics and can be used in a wide variety of liquids.



### Major Applications

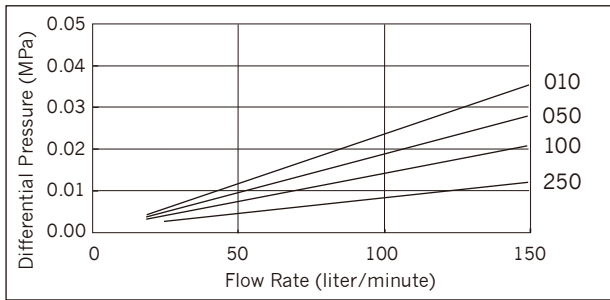
- General water for industrial use and make-up water
- Cooling water and rinsing water
- Use as a pre-filter for high grade filters
- Make-up water in food factories and various beverages
- Chemical solutions
- Water treatment
- Others

### 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

<b>2 5 0</b>	<b>L-EPP-</b>	<b>0 1 0</b>	<b>E</b>	<b>H</b>
↓	↓	↓	↓	↓
[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 ※1			

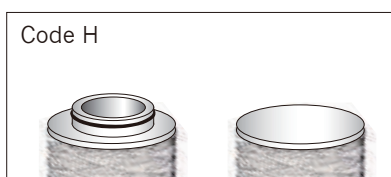
※For further information on specifications (length, end cap type, etc.), please contact us.

※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.

※1 Applicable Gaskets and O-ring materials exclude EPDM.

## End Cap Code



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