

EBP / EBR / EBN / EBS Type

(Polyphenylene Sulfide Media)

Major Applications

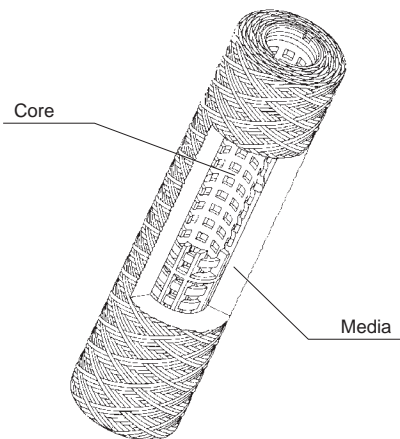
- Strong acidic and alkali chemical solutions
- Organic solvents
- Chemical solutions at a high temperature
- Boiler condensate and Steam
- Others



Features & Benefits

- **High temperature durability and excellent chemical compatibility**
 - PPS media is not degraded by most of strong acids, strong alkalis, and organic solvents at high temperature.
- **Long service life**
 - Contaminations with wide particle distributions can be removed efficiently by whole filter layers because of the density slope construction
- **More economical than filters made by metal or fluorine resin**
- **Various core materials**
 - Polypropylene (EBP), reinforced polypropylene (EBR), nylon (EBN) and stainless steel (EBS) materials are available.

Materials of Construction



Specification

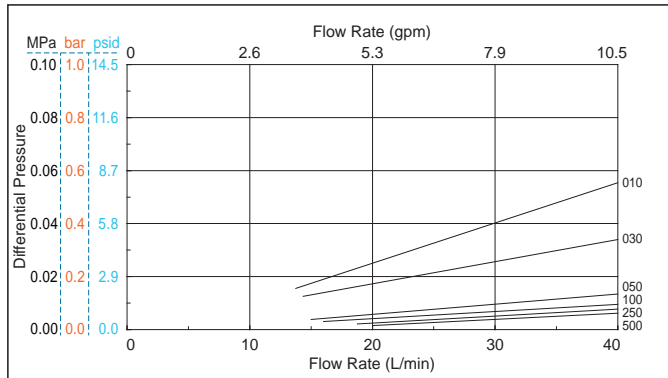
Product Type		EBP / EBR / EBN / EBS					
Micron Rating (μm)		1.0	3.0	5.0	10	25	50
Dimensions	O.D. (mm)	61.0					
	I. D. (mm)	29.5 (EBP/EBR/EBN) / 28.5 (EBS)					
Materials	Media	Polyphenylene Sulfide					
	Core	Polypropylene (EBP)	Reinforced Polypropylene (EBR)	Nylon (EBN)	SUS304 (EBS)		
Maximum Operating Temp.		80°C (176°F)	100°C (212°F)	120°C (248°F)	190°C (374°F)		
Maximum ΔP at 20°C (68°F)		0.49MPa (4.9bar, 71psid)					

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

* With regard to ΔP (MPa) at around 120°C, please consult us.

* Nylon core can not be used for high temperature water, please consult us in detail.

Flow Rate



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

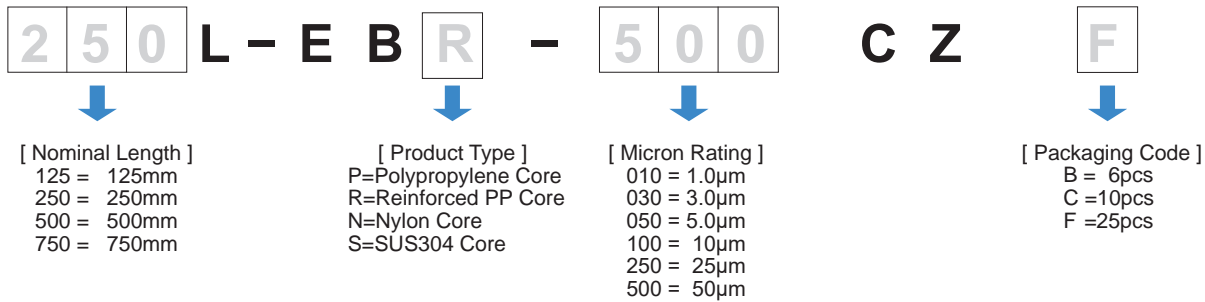
Particle Removal Efficiency

Particle Size(μm)	Particle Removal Efficiency (%)					
	010	030	050	100	250	500
1.0	>60					
3.0	>80	>60				
5.0	>90	>80	>60			
10.0	>99.9	>90	>80	>60		
25.0		>99.9	>90	>80	>60	
50.0			>99.9	>90	>80	>60
75.0				>99.9	>90	>80

<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



End Cap Code



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