

## Relative removal rating polypropylene (PP) fiber membrane pleated filter cartridge EHP Series

Eternalwater EHP Series--adopts ultra-fine polypropylene fiber membrane structure, high flow rate and low pressure drop. No fiber shedding, continuous and reliable filtration efficiency, it is a more economical pre-filtration product.

### Product Features

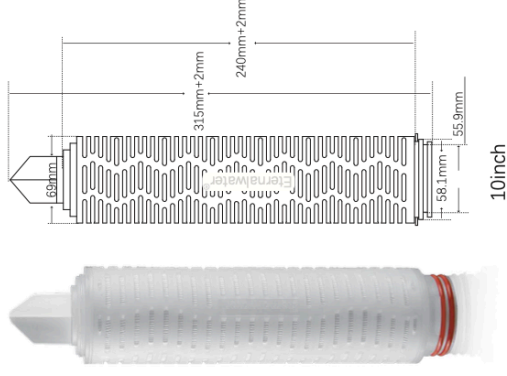
- No fiber shedding, economical and practical
- Washable under proper conditions, prolong service life
- Pure PP material, wide chemical compatibility
- A variety of removal ratings to meet different filtration needs

### Typical Application

- Pre-filtration of pharmaceutical water
- Pre-filtration of Sterile API
- Pre-filtration of infusion, biological products, fermentation solution.
- Pre-filtration of Separation and purification process

### Product Specification

Filter Material	Ultrafine polypropylene fiber membrane
Center core / Housing / End cap Material	Polypropylene
Cage material	Polypropylene
Vent O-ring Material	Silicone/ EPDM/ Viton
Filtration area	≥0.55m <sup>2</sup> /10inch
Maximum working temperature	80°C
Maximum working pressure difference	4.2bar@23°C (forward direction) 2.4bar@80°C (forward direction)
Sterilization	128°C/30min; high pressure steam sterilization; ≥30times
Endotoxin	< 0.25EU/ml
Extractable matter	< 30mg/10inch
Biocompatibility	All materials comply with biosafety evaluation of plastic USP<88>, ClassVI(-70°C level)



### Ordering Information

EHP 1 2 3 4 5

Block 1		Block 2		Block 3		Block 4	
Code	Removal Rating	Code	End Cap Type	Length	Code	O-ring Seal Material	
010	0.10µm	J1	222/Fin	05inch	S	Silicone	
020	0.20µm	J2	222/Flat	10inch	E	EPDM	
045	0.45µm	J3	226/Fin	20inch	V	Viton	
065	0.65µm	J4	226/Flat	30inch			
100	1.00µm	J5	DOE	40inch			
500	5.00µm						

Block 5

Code	Cage Material
A	Polypropylene
B	PP Cage material + End cap type lined with stainless steel