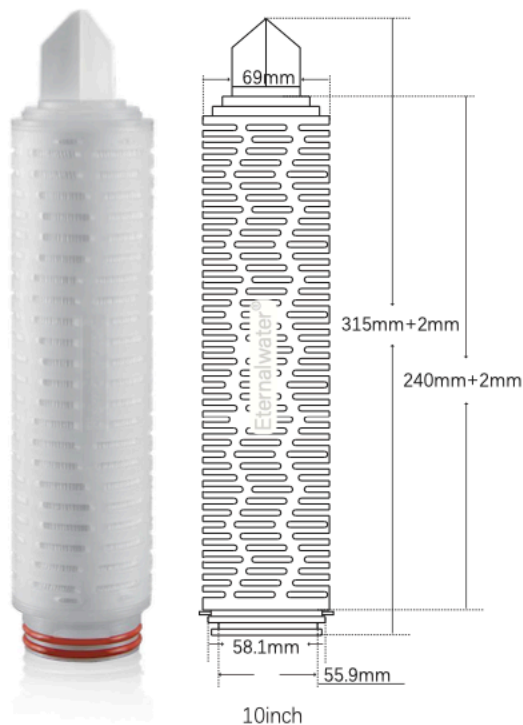


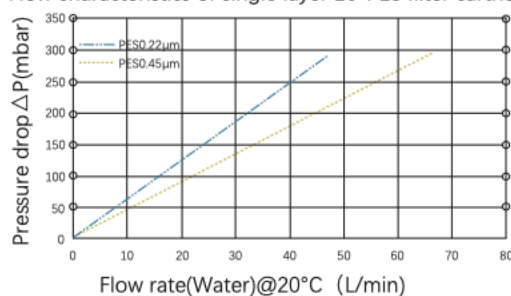
Low diffusion flow polyethersulfone (PES) sterilization grade filter cartridge

EHPSH Series

Eternalwater EHPSH Series--Filter cartridges use a highly asymmetric single-layer polyethersulfone (PES) membrane. With extremely high flow rate and capacity, it is suitable for high-viscosity pharmaceutical sterile filtration. It has the properties of ultra-low diffusion flow, low protein adsorption and high retention rate. The good heat resistance of the filter cartridge can be steam sterilized many times, and the integrity test before leaving the factory ensures the high quality of the product.



Flow characteristics of single layer 10" PES filter cartridge



Product Features

- Low diffusion flow, low protein adsorption, high flow rate, long lifetime, high hydrophilic
- 100% integrity tested ensures sterilization absolutely
- Widely chemical compatibility
- PH working range 1-14

Typical Application

- Sterilization and filtration of large volume parenteral (LVP)
- Sterilization and filtration of small volume parenteral (SVP)
- Sterilization and filtration of large batches of liquid medicine
- Filtration of aqueous antibiotic solution
- Sterilization and filtration of cleaning solution and disinfectant

Product Specification

Filter Material	Imported Polyethersulfone Membrane
Center core / Housing / End cap Material	Polypropylene
Cage material	Polypropylene
Vent O-ring Material	Silicone/ EPDM/ Viton
Filtration area	≥0.6m ² /10inch
Maximum working temperature	80°C
Maximum working pressure difference	4.2bar@23°C ((forward direction) 2.4bar@80°C ((forward direction)
Sterilization	126°C/30min; high pressure steam sterilization; ≥30 times
Endotoxin	< 0.25EU/mL
Extractable matter	< 30mg/10inch
Biocompatibility	All materials comply with biosafety evaluation of plastic USP<88>, ClassVI-70°C level
Integrity Test Method	Bubble point, diffusion flow; for detailed parameters, please consult the sales engineer of Eternalwater Company

Ordering Information

EHPSH 1 2 3 4 5

Block 1

Code	Removal Rating
020	0.20μm

Block 2

Code	End Cap Type
J1	222/Fin
J2	222/Flat
J3	226/Fin
J4	226/Flat
J5	DOE

Block 3

Length
05inch
10inch
20inch
30inch
40inch

Block 4

Code	O-ring Seal Material
S	Silicone
E	EPDM
V	Viton

Block 5

Code	Cage Material
A	Polypropylene