

# High-efficiency clarification glass fiber membrane filter cartridge

## EBG Series

Eternalwater EBG Series--Glass fiber membrane filter cartridge, GF membrane is made of 100% borosilicate ultrafine glass fiber, capillary fiber structure, non-hygroscopic and biologically inert. Suitable for gas pre-filtration, liquid filtration containing colloid, oil and protein materials.

### Product Features

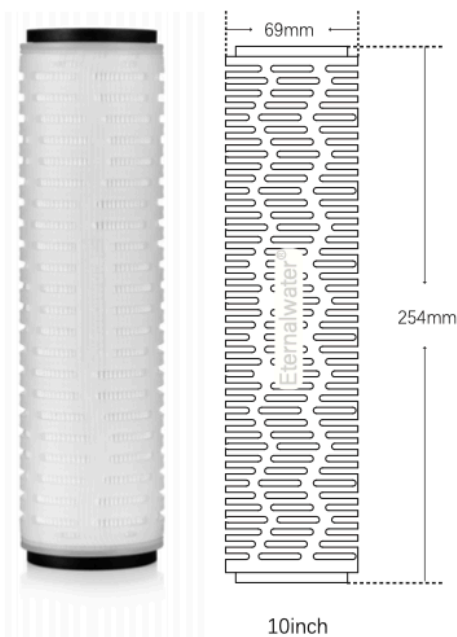
- High porosity, high dirt holding capacity
- High flow rate, low pressure drop
- Long-life, economical pre-filtration
- With adsorption, high filtration efficiency

### Typical Application

- Filtration of compressed air of degreasing and removing particle.
- Air pre-filtration of bio-engineering fermentation
- Filtration of cell culture media and buffer solution
- Pre-filtration of serum and blood products
- Clarification and filtration of highly viscous, colloidal liquids

### Product Specification

Filter Material	Glass Fiber Membrane (GF)
Center core / Housing / End cap Material	Polypropylene
Cage material	Polypropylene
Vent O-ring Material	Silicone/ EPDM/ Viton
Filtration area	≥0.4m <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	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



### Ordering Information

#### EBG 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
045	0.45µm	J1	222/Fin	05inch	S	Silicone
065	0.65µm	J2	222/Flat	10inch	E	EPDM
100	1.00µm	J3	226/Fin	20inch	V	Viton
500	5.00µm	J4	226/Flat	30inch		
		J5	DOE	40inch		

Block 5	
Code	Cage Material
A	Polypropylene
B	PP Cage material + End cap type lined with stainless steel
C	PP Cage material + stainless steel lining