

Strong hydrophobic PTFE membrane sterilization grade filter cartridge

EFT Series

Eternalwater EFT Series--Sterilizing filter cartridges adopt natural strong hydrophobic polytetrafluoroethylene (PTFE) membrane, which is resistant to corrosion, oxidation and organic solvents. It is suitable for sterilizing and filtering highly corrosive liquids and strong oxidizing liquids.

Product Features

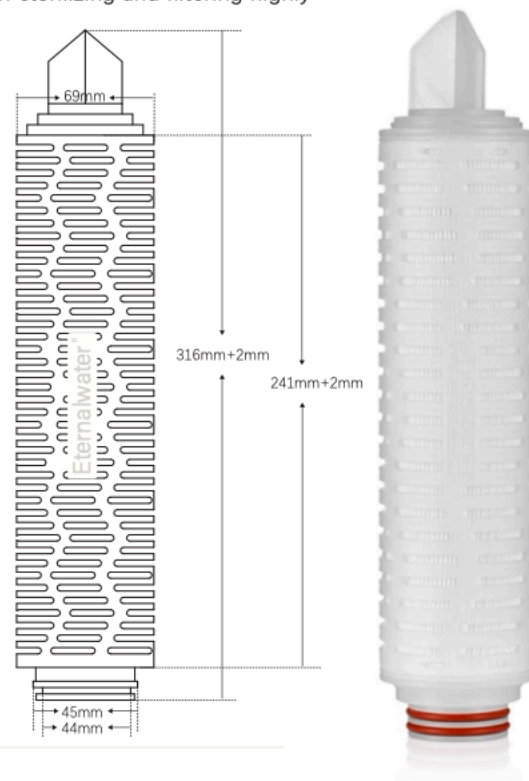
- Natural strong hydrophobic
- Resistant to strong oxidation and strong corrosive solutions
- low precipitation
- Widely chemical compatibility
- Ultra-low extractables

Typical Application

- Sterilization and filtration of strong oxidizing and corrosive liquids
- Filtration of solvent material

Product Specification

Filter Material	Strongly hydrophobic PTFE 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

EFT 1 2 3 4 5

Block 1		Block 2		Block 3		Block 4		Block 5	
Code	Removal Rating	Code	End Cap Type	Length	Code	O-ring Seal Material	Code	Cage Material	
010	0.10um	J1	222/Fin	05inch	S	Silicone	A	Polypropylene	
020	0.20um	J2	222/Flat	10inch	E	EPDM			
045	0.45um	J3	226/Fin	20inch	V	Viton			
050	0.50um	J4	226/Flat	30inch	D	E-FKM			
060	0.60um	J5	DOE	40inch					
080	0.80um								
100	1.00um								
500	5.00um								