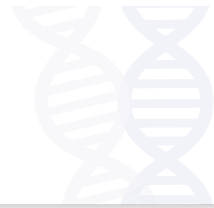


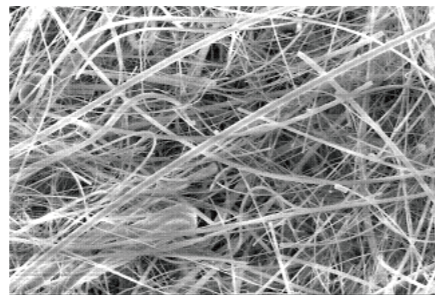
GlassFlow® Filter Cartridges

Glass Fiber Media · Particle Removal



Cobetter **GlassFlow®** Filter Cartridges are made of super fine glass fiber media and polypropylene filtration layers, offering inherently absorptive characteristic that enhances filter retention capability. These filters are designed for the filtration of liquids containing gel, lipids, and protein. They have high dirt holding capacity and excellent particle removal efficiency making them strong protection for final sterilizing grade filters.

Recommended for the filtration of high particle-contained liquids and gel-contained liquids.



Features and Benefits

- High dirt-holding capacity makes it service life longer
- Low pressure drops high flow rates, and long service life
- Stiff structure of glass fiber media assures high flow rate and excellent filtration efficiency

Typical Applications

- Typical Medium
- Serum
- Blood Products
- High-viscosity Liquid

Absolute-Rated Retention Pleated Glass Fiber Cartridge Filter

Materials of Construction

Filter Medium	GlassMicrofiber
Support Layer	Polypropylene
Core/Cage/End Caps	Polypropylene
O-Rings	Please refer to ordering information
Effective Filtration Area	0.24-0.34m ² / Φ68-10 inch

Operating Conditions

Max. Temperature	80°C
Max. Differential Pressure	4 bar / 21°C 2 bar / 90 °C
Steaming Sterilize(Autoclave)	121°C / 30min

Food and Biological Safety

Extractables	< 30 mg per 10 inch
Endotoxins	< 0.25 EU/mL

Ordering Information

LGFP	Removal Ratings	End Cap	Nominal Length	Seal Material	-P
	0022=0.22 μm	DOE = Double open end	05=5"	S=Silicone	
	0045=0.45 μm	TC = 222 / Flat	10=10"	E=EPDM	
	0080=0.8 μm	TF = 222 / Fin	20=20"	V=Viton	
	0100=1.0 μm	SF = 226 / Fin	30=30"		
	0300=3.0 μm		40=40"		
	0500=5.0 μm				

Pressure Drop and Flow Rate

