

Clarification Filter Series

Greclary® CHV Filter

High Dirt Holding Capacity and Retention Efficiency

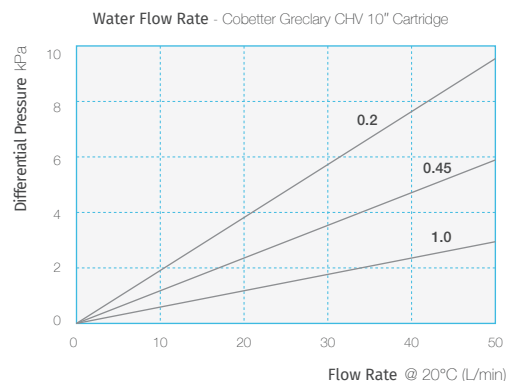


Features

- Composed of super-fine glass fiber media
- Rigid fiber material which is suitable for colloid filtration
- High dirt holding capacity and retention efficiency
- Low initial pressure, high flow rates and long service life

Applications

- Pre-filtration of cell culture medium
- Clarification of fermentation broth/cell cultures
- Filtration blood products/serums
- Filtration of colloids/viscous liquids



Operating Conditions

Max. Temperature	80°C
Max. Differential Pressure	0.55 MPa / 25°C
	0.1 MPa / 80°C

Biological Safety

Endotoxins	<0.25 EU/ml
Bio-compatibility	Meet the requirement of USP<87> In Vitro Cytotoxicity Test; Meet the criteria of the USP<88> Biological Reactivity Test for Class VI-121°C plastics

Effective Filtration Area

Bricap® C	Bricap® L	Bricap® T	Cartridge
C01: 80cm ²	L03: 0.07m ²	T10: 0.24m ²	5"
C02: 200cm ²	L05: 0.12m ²	T20: 0.48m ²	10"
C03: 300cm ²	L10: 0.24m ²	T30: 0.72m ²	20"
	L20: 0.48m ²		30"
	L30: 0.72m ²		40"

Sterilization Capability

- BriScale® Disc, Bricap® C, Bricap® L, Bricap® T Series and Filter Cartridges: Autoclave

Materials of Construction

Filter Type	Bricap® C/L/T	Cartridge
Membrane	Glass microfiber	Glass microfiber
Core/Cage/End Cap	Polypropylene (PP)	Polypropylene (PP)
Capsule Shell	Polypropylene (PP)	—
O-ring	—	Silicone/EPDM/Viton/PTFE
Capsule Vent O-ring	Silicone	—
Removal Ratings	0.2/0.45/0.8/1.0/3.0/5.0µm	