

Clarification Filter Series

Excesal® High Dirt Holding



Features

- Composed of multi-layer Polypropylene media
- High retention efficiency
- All raw materials meet NSF requirements* No adhesives or surfactants

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

Materials of Construction

Filter Type	Bricap® C/L/T	Cartridge
Membrane	Polypropylene (PP)	Polypropylene (PP)
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	0.5/1.0/3.0/5.0/10µm	

Materials of Construction

CHE	0.3/0.65/1.0/3.0/5.0µm
CHC	0.5/1.0/3.0/5.0/10µm
CHT	0.5/0.6/0.8/1.0/1.5/5.0/10/20/40/70/90µm

Effective Filtration Area

Bricap® A25/50	Bricap® C	Bricap® L	Bricap® T	Cartridge
A25: 3.4cm ²	C01: 140cm ²	L03: 0.1m ²	T10: 0.36m ²	5"
A50: 20cm ²	C02: 320cm ²	L05: 0.18m ²	T20: 0.72m ²	10"
	C03: 500cm ²	L10: 0.36m ²	T30: 1.08m ²	20"
		L20: 0.72m ²		30"
		L30: 1.08m ²		40"

Sterilization Capability

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