

## Clarification Filter Series

# Excesal CHC

## High Dirt Holding Capacity



### Features

- Winding lowercase
- Composed of multi-layer with increasing accuracy
- Long service life
- High flow rate

### Applications

- Pre-filtration of cell culture medium
- Clarification of fermentation broth/cell culture
- Pre-filtration of blood products/serums
- Pre-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 USP <87> In Vitro Cytotoxicity Test Requirements Meet USP <88> Biological Reactivity Test for Class VI-121°C Plastics Requirements

### Effective Filtration Area

Bricap® L	Bricap® T	Cartridge
L03: 140cm <sup>2</sup>	T10: 475cm <sup>2</sup>	5" : 240cm <sup>2</sup>
L05: 240cm <sup>2</sup>	T20: 950cm <sup>2</sup>	10" : 475cm <sup>2</sup>
L10: 475cm <sup>2</sup>	T30: 1425cm <sup>2</sup>	20" : 950cm <sup>2</sup>
L20: 950cm <sup>2</sup>		30" : 1425cm <sup>2</sup>
L30: 1425cm <sup>2</sup>		40" : 1900cm <sup>2</sup>

### Sterilization Capability

- Bricap C, Bricap L, Bricap T Series
- Filter Cartridges: Autoclave & SIP

### 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	

# Exceal Series Part Number Configurator (PP)

## Capsule Filter Example : L03TTCHC05A1P

### Bricap Inline Capsule Filters Series



Capsule Formats

- L03** Bricap L03
- L05** Bricap L05
- L10** Bricap L10
- L20** Bricap L20
- L30** Bricap L30



Inlet    Outlet

- K** 14 mm (9/16") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- S** 38 mm (1 1/2") Sanitary Flange
- Y** 9.6 mm(3/8") Hose Barb
- H** 13 mm (1/2") Hose Barb
- V** 14 mm(9/16") Hose Barb
- X** 16 mm (5/8") Hose Barb
- M** 19 mm(3/4") Hose Barb
- D** 25 mm (1") Hose Barb



Membrane Type

- CHC05** CHC 0.5µm
- CHC10** CHC 1.0µm
- CHC30** CHC 3.0µm
- CHC50** CHC 5.0µm
- CHC1X** CHC 10µm



Sterilization

- A** Autoclavable



Quantity/Package

- 1** 1 / pkg



Market

- P**

### Bricap T Capsule Filters



Capsule Formats

- T10** Bricap T10
- T20** Bricap T20
- T30** Bricap T30



Inlet    Outlet

- SS** 38mm(1 1/2") Sanitary Flange Inlet & Outlet
- SM** 38mm(1 1/2") Sanitary Flange Inlet & 19 mm (3/4") Hose Barb Outlet



Gauge Port Type

- S** 38 mm(1 1/2") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- N** Without Gauge Port



Sterilization

- A** Autoclavable



Quantity/Package

- 1** 1 / pkg



Market

- P**

## Cartridge Filter Example : ACHC03050SP

### Cartridge Filters



Cartridge Type

- A** Standard Cartridge Pharmaceutical



Media

- CHC05** CHC 0.5µm
- CHC10** CHC 1.0µm
- CHC30** CHC 3.0µm
- CHC50** CHC 5.0µm
- CHC1X** CHC 10µm



Length

- 05** 5 inch
- 10** 10 inch
- 20** 20 inch
- 30** 30 inch
- 40** 40 inch



Code

- 0** DOE
- 2** 226 / Flat
- 7** 226 / Fin
- 3** 222 / Flat
- 8** 222 / Fin



O-ring Material

- E** EPDM
- V** Fluoroelastomer
- P** FEP/PFA encap-sulated O-rings
- S** Silicone



Market

- P**