

Hall Pyke



Capsule Filtration

Excesal CHE

The SMART choice for filtration

Clarification Filter Series

Excesal CHE

High Retention Efficiency



Features

- Composed of double-layer Polypropylene media
- Inner layer uses nanofibers to provide high retention efficiency

Applications

- Pre-filtration of cell culture medium
- Clarification of fermentation broth/cell cultures
- 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 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	0.3/0.65/1.0/3.0/5.0µm	

Effective Filtration Area

BriScale A50	Bricap C	Bricap L	Bricap T	Cartridge
A50: 20cm ²	C01: 140cm ²	L03: 0.1m ²	T10: 0.36m ²	5" : 0.18m ²
	C02: 320cm ²	L05: 0.18m ²	T20: 0.72m ²	10" : 0.36m ²
	C03: 500cm ²	L10: 0.36m ²	T30: 1.08m ²	20" : 0.72m ²
		L20: 0.72m ²		30" : 1.08m ²
		L30: 1.08m ²		40" : 1.44m ²

Sterilization Capability

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

Exceal Series Part Number Configurator (PP)

Capsule Filter Example : C01TTCHE03A1P

Bricap C Small Capsule Filter Series



Capsule Formats

- C01** Bricap C01
- C02** Bricap C02
- C03** Bricap C03
- D01** Bricap D01



Inlet Outlet

- K** 14 mm (9/16") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- F** 31 mm (1 1/4") Sanitary Flange
- A** 6-13 mm (1/4"-1/2") Multiple Stepped Hose Barb with Filling Bell (liquids only)
- B** 6-13 mm (1/4"-1/2") Multiple Stepped Hose Barb
- L** 3.2mm(1/8") Hose Barb
- Y** 9.6mm(3/8") Hose Barb
- H** 13mm(1/2") Hose Barb
- V** 14 mm (9/16") Hose Barb



Membrane Type

- CHE03** CHE 0.3µm
- CHE06** CHE 0.65µm
- CHE10** CHE 1.0µm
- CHE30** CHE 3.0µm
- CHE50** CHE 5.0µm
- CHT05** CHT 0.5µm
- CHT06** CHT 0.6µm
- CHT08** CHT 0.8µm
- CHT15** CHT 1.5µm
- CHT50** CHT 5.0µm
- CHT1X** CHT 10µm
- CHT2X** CHT 20µm
- CHT4X** CHT 40µm
- CHT7X** CHT 70µm
- CHT9X** CHT 90µm



Sterilization

- A** Autoclavable



Quantity/Package

- 1** 1 / pkg



Market

- P**

Bricap Inline Capsule Filters Series



Capsule Formats

- L02** Bricap L02 (noly CHT)
- 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

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

BriScale Disc Liquid Filter



Capsule Formats

- A50** BriScale A50



Inlet Outlet

- A** 6-13 mm (1/4"-1/2") Multiple Stepped Hose Barb with Filling Bell (outlet only)
- B** 6-13 mm (1/4"-1/2") Multiple Stepped Hose Barb (no Filling Bell)



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 encapsulated O-rings
- S** Silicone



Market

- P**

Cartridge Filter Example : ACHE03050SP

Cartridge Filters



Cartridge Type

- A** Standard Cartridge Pharmaceutical



Media

- CHE03** CHE 0.3µm
- CHE06** CHE 0.65µm
- CHE10** CHE 1.0µm
- CHE30** CHE 3.0µm
- CHE50** CHE 5.0µm
- CHT05** CHT 0.5µm
- CHT06** CHT 0.6µm
- CHT08** CHT 0.8µm
- CHT10** CHT 1.0µm
- CHT15** CHT 1.5µm
- CHT50** CHT 5.0µm
- CHT1X** CHT 10µm
- CHT2X** CHT 20µm
- CHT4X** CHT 40µm
- CHT7X** CHT 70µm
- CHT9X** CHT 90µm



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 encapsulated O-rings
- S** Silicone



Market

- P**

Hall Pyke



www.hallpyke.ie

Head Office, 3A Sunbury Industrial Estate, Ballymount Road, Walkinstown, Dublin 12.
T. +353-1-4501411 F. +353-1-4507960 E. info@hallpyke.ie W. www.hallpyke.ie