

Gas Filtration Filter Series

Aegivast® AFL Filter

Hydrophobic Filter with High Retention Rates



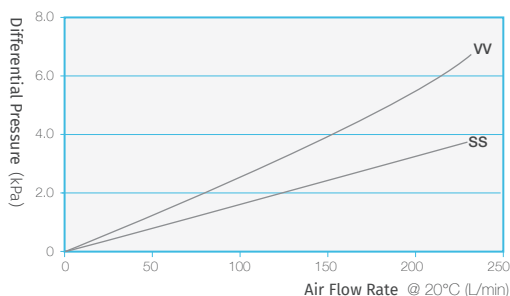
Features

- Inherently hydrophobic membrane
- High retention rates
- Low pressure differential
- Efficient mycoplasma, bacteria and particulate retention

Applications

- Vent Filters for fermentors, tanks, etc.
- Sterile-grade filtration for air, oxygen, nitrogen, etc.

Air Flow Rate - Cobetter Aegivast AFL Bricap L03 Capsule



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® L/T	Brisip® SP3	Cartridge
Membrane	Hydrophobic Polytetrafluoroethylene (PTFE)		
Support	Polypropylene (PP)	Polypropylene (PP)	Polypropylene (PP)
Core/Cage/End Cap	Polypropylene (PP)	Polypropylene (PP)	Polypropylene (PP)
Capsule Shell	Polypropylene (PP)	PEI polyetherimide (PEI)	---
O-ring	---	Silicone	Silicone
Capsule Vent O-ring	Silicone	Silicone	---
Removal Ratings		0.2 µm	

Effective Filtration Area

Bricap® L	Bricap® T	Brisip® SP3	Cartridge
L03 : 0.2m ²	T10 : 0.68m ²	0.2m ²	5"
L05 : 0.34m ²	T20 : 1.36m ²		10"
L10 : 0.68m ²	T30 : 2.04m ²		20"
L20 : 1.36m ²			30"
L30 : 2.04m ²			40"

Sterilization Capability

- Bricap® L、Bricap® T : Autoclave
- Brisip® SP3、Filter Cartridge : Autoclave & SIP