

# Hall Pyke

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**Capsule filtration**

## **Aegivast<sup>®</sup> ACE Filter**

**The SMART choice for filtration**

## Gas Filtration Filter Series

# Aegivast® ACE Filter

## Hydrophobic Filter with High Retention Rates



### Features

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

### Applications

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

### Operating Conditions

Max Operating Temperature	50° C
Max Differential Pressure	0.24 MPa / 25° C
	0.42 MPa / 25° C (noly for V50D)

### 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

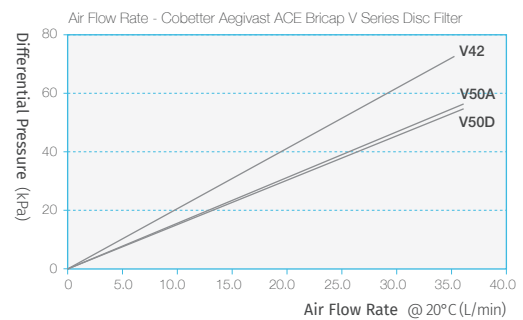
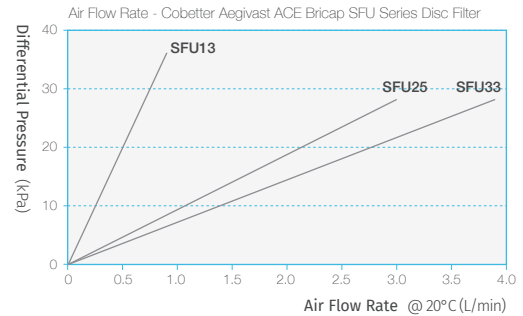
Type	Bricap® SFU13 / SFU25 / SFU33	Bricap® V42 / V50A / V50D
Membrane	Hydrophobic polytetrafluoroethylene(PTFE)	Hydrophobic polytetrafluoroethylene(PTFE)
Support layer	Polyester (PET)	Polyester or Polypropylene(PET/PP)
Core/Cage / End cap	Polypropylene(PP)	Polypropylene(PP)
Capsule shell	0.2 µm	

### Effective Filtration Area

Bricap® SFU	Bricap® V
SFU13 : 0.72cm <sup>2</sup>	V42 : 13.8cm <sup>2</sup>
SFU25 : 3.4cm <sup>2</sup>	V50A : 20cm <sup>2</sup>
SFU33 : 4.5cm <sup>2</sup>	V50D : 20cm <sup>2</sup>

### Sterilization Capability

- Bricap® SFU13 / SFU25 / SFU33 Disc : Autoclave, Gamma Irradiation or Pre-sterilization optional
- Bricap® V42/V50A/V50D Disc: Autoclave (130° C, 30min, 20 times), Gamma irradiation or Pre-sterilization



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