

# Hall Pyke

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**Capsule filtration**

## **Corevital® APB Filter**

**The SMART choice for filtration**

## Gas Filtration Filter Series

# Corevital® APB Filter Gamma-resistant Hydrophobic Filter



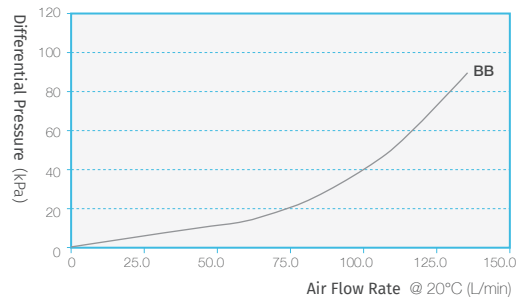
### Features

- High retention efficiency
- Low differential pressure
- Efficient bacteria and particulate retention
- Gamma irradiation

### Applications

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

Air Flow Rate - Cobetter Corevital APB Bricap CO2 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	<b>Bricap® C/D/L</b>
Membrane	Hydrophobic Polyvinylidene Fluoride (PVDF)
Core/Cage/End Cap	Polypropylene (PP)
Capsule Shell	Polypropylene (PP)
O-ring	Polypropylene (PP)
Capsule Vent O-ring	Silicone
Removal Ratings	0.2 µm

### Effective Filtration Area

Bricap® SFU/V	Bricap® C/D	Bricap® L	Bricap® T	Cartridge
SFU13 : 0.72cm <sup>2</sup>	C01 : 290cm <sup>2</sup>	L03 : 0.25m <sup>2</sup>	T10 : 0.75m <sup>2</sup>	5"
SFU25 : 3.4cm <sup>2</sup>	C02 : 640cm <sup>2</sup>	L05 : 0.375m <sup>2</sup>	T20 : 1.5m <sup>2</sup>	10"
SFU33 : 4.5cm <sup>2</sup>	C03 : 1000cm <sup>2</sup>	L10 : 0.75m <sup>2</sup>	T30 : 2.25m <sup>2</sup>	20"
V42 : 13.8cm <sup>2</sup>	D01 : 450cm <sup>2</sup>	L20 : 1.5m <sup>2</sup>		30"
V50A : 20cm <sup>2</sup>		L30 : 2.25m <sup>2</sup>		40"
V50D : 20cm <sup>2</sup>				

### Sterilization Capability

- **BriScale® Disc**, **Bricap® C**, **Bricap® L**, **Bricap® T**: Autoclave (126°C, 60min, 3 times), Gamma irradiation or Pre-sterilization
- **Bricap® D**: Autoclave
- **Filter Cartridges**: SIP & Autoclave

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