

# AEGIVAST® SERIES FILTERS

## PTFE STERILIZING & PRE-FILTRATION GAS FILTER SERIES

Aegivast® Series Filters are available in a variety of disc configurations to match the flow, lifetime, and configuration requirements of multiple gas process applications.

The hydrophobic PTFE allows for high retention rates with low pressure differential. These filters are ideal for vent filters for fermentors, tanks, bio bags, and other applications where sterility barriers are needed.

### MEDIA INFORMATION

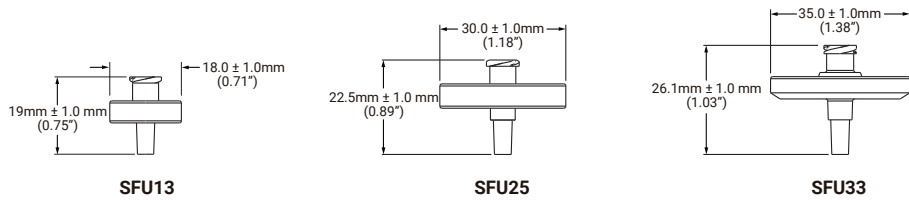
TYPE	MEDIA	FEATURES	TYPICAL APPLICATIONS
<b>ACE (Disc Filters)</b>	Hydrophobic Polytetrafluoroethylene (PTFE) with Polyester or Polypropylene supports	<ul style="list-style-type: none"> <li>• Sterilizing</li> <li>• High flow rates</li> <li>• Low pressure drop</li> </ul>	<ul style="list-style-type: none"> <li>• Efficient mycoplasma, bacteria, and particulate retention</li> <li>• Vent filters for fermentors, tanks, etc.</li> <li>• Sterile-grade filtration for air, oxygen, nitrogen, etc.</li> </ul>

### BIOLOGICAL SAFETY

<b>Bacterial Retention</b>	Retention of 10 <sup>7</sup> cfu/cm <sup>2</sup> <i>Brevundimonas diminuta</i> (ATCC19146) according to ASTM F838.
<b>Non-fiber Releasing</b>	Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3(b) (6).
<b>Bacterial Endotoxin</b>	Aqueous extraction contains <0.25 EU/mL as determined by Limulus Amebocyte Lysate (LAL), USP <85>.
<b>USP &lt;88&gt; Biological Reactivity</b>	Meets the criteria of the USP <88> Biological Reactivity Test for Class V1-121 °C plastics.
<b>Indirect Food Additive</b>	All component materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182.
<b>Quality Assurance</b>	These products are manufactured in a facility which adheres to ISO® 9001 Practices.



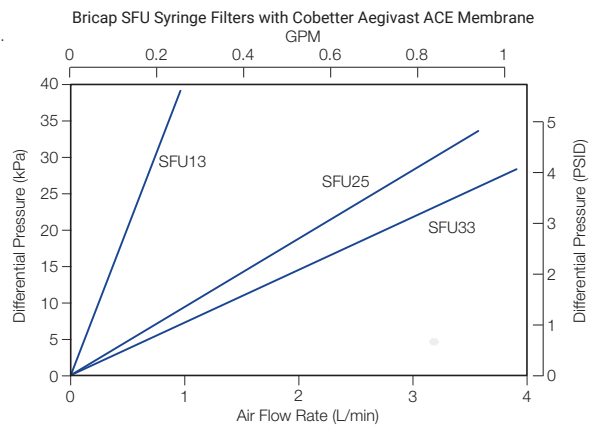
**DIMENSIONS**  
**AEGIVAST BRICAP SFU SYRINGE FILTERS**



**SPECIFICATIONS**  
**AEGIVAST BRICAP SFU SYRINGE FILTERS**

	<b>Bricap SFU13</b>	<b>Bricap SFU25</b>	<b>Bricap SFU33</b>
<b>Filter Media</b>	Hydrophobic Polytetrafluoroethylene (PTFE)		
<b>Housing</b>	Polypropylene		
<b>Retention Ratings</b>	0.2 µm		
<b>Effective Filtration Area (EFA)</b>	0.72 cm <sup>2</sup>	3.4 cm <sup>2</sup>	4.5 cm <sup>2</sup>
<b>Inlet Fitting</b>	Female Luer Lok		
<b>Outlet Fitting</b>	Male Luer Lok		
<b>Max. Operating Temperature</b>	45°C		
<b>Max. Operating Pressure</b>	0.6 MPa (6.0 bar, 87 psi) at 25°C	0.3 MPa (3.0 bar, 44 psi) at 25°C	0.2 MPa (2.0 bar, 29 psi) at 25°C
<b>Max. Differential Pressure (Forward Flow)</b>	0.6 MPa (6.0 bar, 87 psi) at 25°C	0.3 MPa (3.0 bar, 44 psi) at 25°C	0.2 MPa (2.0 bar, 29 psi) at 25°C
<b>Bubble Point</b>	> 0.011 MPa (1.1 bar, 16 psi) at 20°C in 60% isopropanol (IPA) 40% water, air		

**Sterilization**  
 Can be sterilized by gamma irradiation at 25-45 kGy, or can be autoclaved for 20 cycles of 30 min. at 134°C. (Cannot be steam sterilized in-line).  
 Gamma irradiated at 25-45 kGy in sterile package and cannot be re-sterilized.

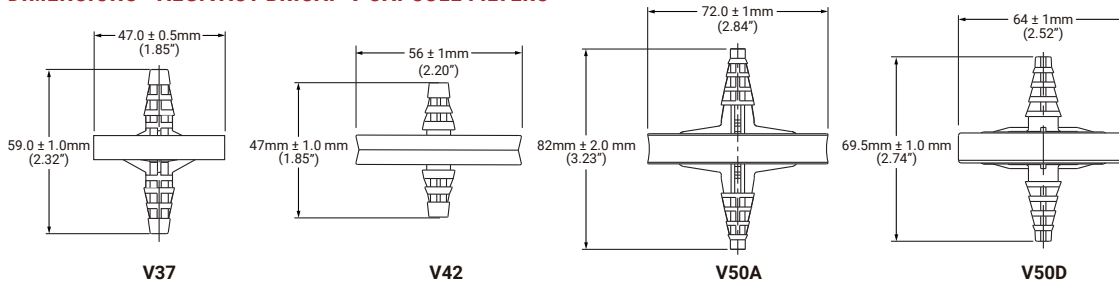


**ORDERING INFORMATION**  
**AEGIVAST BRICAP SFU SYRINGE FILTER**

EXAMPLE: **U25CPACEBS1P** = Bricap SFU25, Female Luer Lok Inlet and Male Luer Lok Outlet, PTFE 0.2 µm, sterilized, 1/pkg

<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>Format</b>                  U13 = Bricap SFU13                  U25 = Bricap SFU25                  U33 = Bricap SFU33</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; height: 20px; display: flex; align-items: center; justify-content: center; font-weight: bold;">CP</div> <p><b>Inlet/Outlet</b>                  CP = Female Luer Lok Inlet and Male Luer Lok Outlet</p>	<div style="border: 1px solid black; padding: 2px; width: 40px; height: 20px; display: flex; align-items: center; justify-content: center; font-weight: bold;">ACEB</div> <p><b>Media</b>                  ACEB = AFM 0.2 µm</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>Sterilization</b>                  G = Gamma Compatible                  S = Sterile</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto;"></div> <p><b>Qty/Package</b>                  1 = 1/ pkg</p>	P
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## DIMENSIONS - AEGIVAST BRICAP V CAPSULE FILTERS



## SPECIFICATIONS - AEGIVAST BRICAP V CAPSULE FILTERS

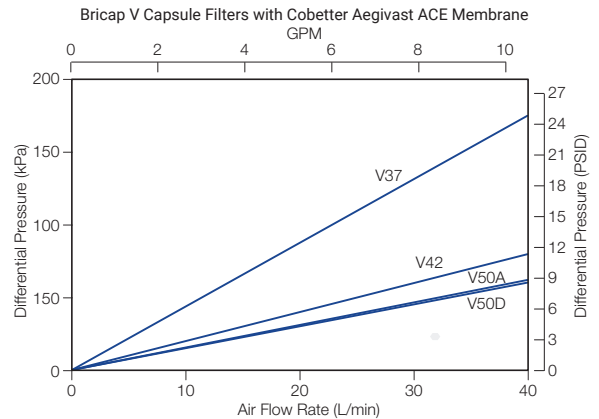
	Bricap V37	Bricap V42	Bricap V50A	Bricap V50D
<b>Filter Media</b>	Hydrophobic Polytetrafluoroethylene (PTFE)			
<b>Supports</b>	Polyester (Sterilization Code G and S), Polypropylene (Sterilization Code A)			
<b>Housing</b>	Polypropylene			
<b>Retention Ratings</b>	0.2 µm			
<b>Effective Filtration Area (EFA)</b>	7 cm <sup>2</sup>	13.8 cm <sup>2</sup>	20 cm <sup>2</sup>	20 cm <sup>2</sup>
<b>Inlet/Outlet Fittings</b>	6-9 mm (1/4" - 3/8") Stepped Hose Barb		6-13 mm (1/4" - 1/2") Stepped Hose Barb	
<b>Max. Operating Temperature</b>	50°C			
<b>Max. Operating Pressure</b>	0.24 MPa (2.4 bar, 35 psi) at 25°C		0.42 MPa (4.2 bar, 61 psi) at 25°C	
<b>Max. Differential Pressure (Forward Flow)</b>	0.24 MPa (2.4 bar, 35 psi) at 25°C		0.42 MPa (4.2 bar, 61 psi) at 25°C	
<b>Bubble Point</b>	> 0.011 MPa (1.1 bar, 16 psi) at 20°C in 60% isopropanol (IPA) 40% water, air			

### Sterilization

Can be autoclaved for 20 cycles of 30 min. at 130°C (Cannot be steam sterilized in-line).

Can be sterilized by gamma irradiation at 25-50 kGy, or can be autoclaved for 20 cycles of 30 min. at 134°C. (Cannot be steam sterilized in-line).

Gamma irradiated at 25-50 kGy in sterile package and cannot be re-sterilized.



## ORDERING INFORMATION - AEGIVAST BRICAP V CAPSULE FILTERS

EXAMPLE: **V42EEACEBS1P** = Bricap V42, 1/4" - 3/8" multi-stepped hose barb, PTFE 0.2 µm, sterilized, 1/pkg



### Capsule Formats

V37 = Bricap V37  
V42 = Bricap V42  
V5A = Bricap V50A  
V5D = Bricap V50D



### Inlet/Outlet

EE = 1/4" - 3/8" (6-9 mm) Multiple Stepped Hose Barb (Bricap V37 & V42 only)  
BB = 1/4" - 1/2" (6-13 mm) Multiple Stepped Hose Barb (Bricap V50A & V50D only)

**ACEB**

### Media

ACEB = AFM 0.2 µm



### Sterilization

A = Autoclavable  
G = Gamma Compatible  
S = Sterile



### Qty/Package

1 = 1/ pkg

**P**



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