

## Sterilizing-Grade Filter Series

# Purcise SAF Filter

## Hydrophilic Sterilizing-Grade Filter with High Flow Rate



PES membrane with asymmetric pore size provides high dirt-holding capacity, realizing the combination of high throughput and high loading capacity.

### Features

High loading and throughput  
Reliable retention of bacteria and particles  
Extensive chemical compatibility

### Typical Applications

Buffer filtration, process fluids sterile filtration  
Pre-column/ultra-filtration protection  
Filtration of intermediate products/stock solutions  
Filtration of terminal products

### Quality Control

100% integrity testing in manufacturing  
Each filter is fully traceable with unique serial number  
ISO 9001:2015 manufacturing facility

### Removal Rating and Effective Filtration Area

	SAFN(0.2 µm)	SAFS(0.45/0.2 µm)	SAFH(0.65/0.2 µm)
A - Standard Cartridge (10")	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>
H - High Area Cartridge 1 (10")	0.8 m <sup>2</sup>	0.8 m <sup>2</sup>	0.8 m <sup>2</sup>
L - High Area Cartridge 2 (10")	1.04 m <sup>2</sup>	1.04 m <sup>2</sup>	1.04 m <sup>2</sup>

### Materials of Construction

Membrane	Hydrophilic polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Caps	Polypropylene (PP)
Cartridge End Cap Inserts	Polybutylene terephthalate (PBT) (Cartridge exclusive)
Cartridge End Cap O-rings	Silicone / EPDM / Fluoroelastomer / PFA encapsulated O-rings
Capsule Housing	Polypropylene (PP)
Capsule Vent O-rings	Silicone
SP3 Capsule Port Insert	316L Stainless Steel
SP3 Capsule Housing	Polyetherimide (PEI)
SP3 Capsule O-rings	Silicone

### Maximum Differential Pressure

A - Standard Cartridge/	Forward: 0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C
H - High Area Cartridge 1	Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
L - High Area Cartridge 2	Forward: 0.55 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
Capsule	Forward: 0.55 MPa @ 25 °C, 0.1 MPa @ 80 °C Reverse: 0.21 MPa @ 25 °C

### Integrity Test Standards

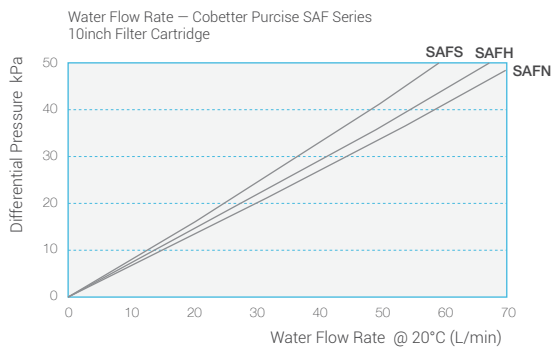
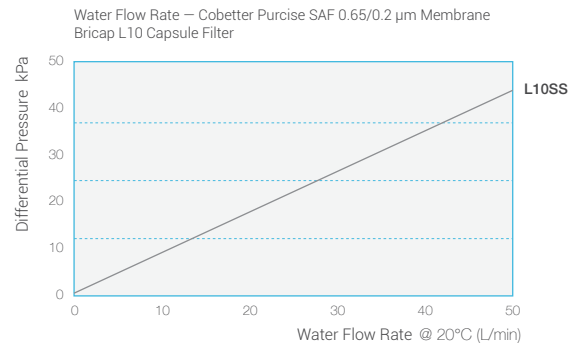
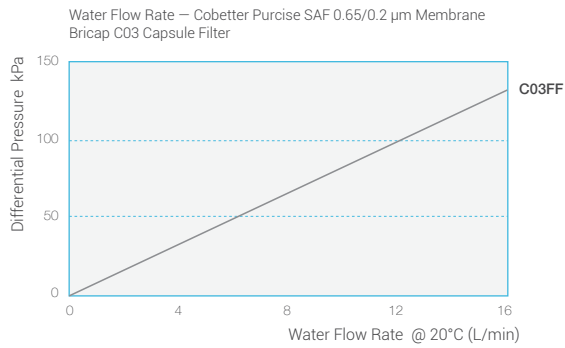
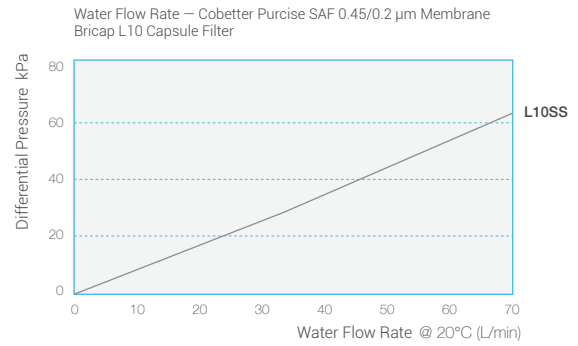
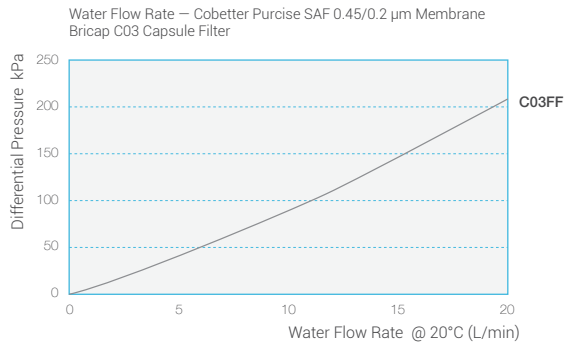
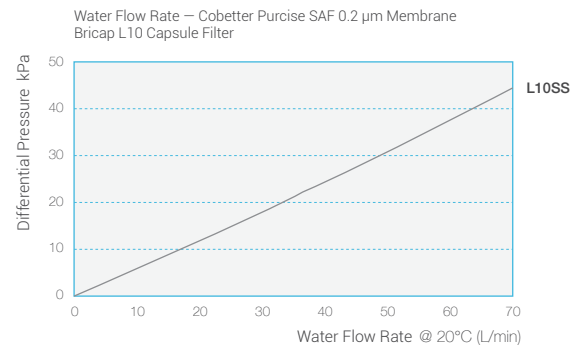
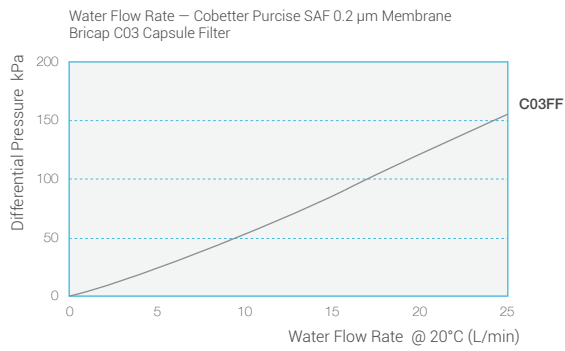
Standard - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.32 MPa, air, wetted with water Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water
Q Series - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.39 MPa, air, wetted with water Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water

### Sterilization

A - Standard Cartridge/ H - High Area Cartridge 1	Can be steam sterilized for 30 minutes at 135 °C with 50 cycles (< 30 kPa) Can be autoclaved 50 cycles for 30 minutes at 130 °C
L - High Area Cartridge 2	Can be steam sterilized for 30 minutes at 135 °C with 30 cycles (< 30 kPa) Can be autoclaved 30 cycles for 30 minutes at 130 °C
Capsule	Autoclavable capsules only: Can be autoclaved 25 cycles for 30 minutes at 130 °C, (Can not be steam sterilized in-line) Gamma compatible capsules: Can be sterilized by gamma irradiation at 25-45 kGy or can be autoclaved 5 cycles for 60 minutes at 126 °C. (Can not be steamed in-line) Sterile capsule: Can be sterilized by gamma irradiation at 25-45 kGy Cleansteam bag sterile package: Pre-sterilized with autoclave for 30 minutes at 121 °C

Notes: Gamma sterilized products cannot be re-sterilized with gamma irradiation or steam sterilization

## Flow Rates



## Regulatory Compliance

- Effluent meets the USP<788> requirement of particulate matter in large volume injection.
- Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3(b)(6).
- Retention of  $10^7$  cfu/cm<sup>2</sup> *Brevundimonas diminuta* (ATCC 19146) according to ASTM F838
- Aqueous extraction from a cartridge contains less than 0.25EU/ml as determined by Limulus Amebocyte Lysate (LAL), meeting requirements of USP<85>.
- Components meet the requirement of USP <87> In Vitro Biological Reactivity Test.
- Components meet the criteria of the USP <88> Biological Reactivity Test for Class V-121 °C plastics.
- Components meet the FDA indirect Food Additive requirements cited in 21 CFR 177-182.
- Based on the current information from our suppliers, all components used in the manufacture of this product are animal-free.

Notes: Contact Cobetter for more specification details.

## Sterilizing-Grade Filter Series

# Purcise SLE Filter

## Hydrophilic Sterilizing-Grade Filter with Low Protein Adsorption



Polyethersulfone (PES) material, optimal filter for final filtration

### Features

Low adsorption and low leachables  
Unwetted filter can be steam sterilized directly

### Typical Applications

Sterile filtration of terminal products  
Sterile filtration of biological products, blood and serum products  
Sterile filtration of vaccine products  
Pre-column/ultra-filtration protection  
Filtration of intermediate products/stock solutions

### Quality Control

100% integrity testing in manufacturing  
Each filter is fully traceable with unique serial number  
ISO 9001:2015 manufacturing facility

### Removal Rating and Effective Filtration Area

	SLEN(0.2 µm)	SLES(0.45/0.2 µm)	SLEH(0.65/0.2 µm)	SLEL(0.8/0.2 µm)	SLEC(1.2/0.2 µm)
A - Standard Cartridge (10")	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>
H - High Area Cartridge 1 (10")	0.8 m <sup>2</sup>	0.8 m <sup>2</sup>	0.8 m <sup>2</sup>	0.8 m <sup>2</sup>	0.8 m <sup>2</sup>
L - High Area Cartridge 2 (10")	1.04 m <sup>2</sup>	1.04 m <sup>2</sup>	1.04 m <sup>2</sup>	1.04 m <sup>2</sup>	1.04 m <sup>2</sup>

### Materials of Construction

Membrane	Hydrophilic polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Caps	Polypropylene (PP)
Cartridge End Cap Inserts	Polybutylene terephthalate (PBT) (Cartridge exclusive)
Cartridge End Cap O-rings	Silicone / EPDM / Fluoroelastomer / PFA encapsulated O-rings
Capsule Housing	Polypropylene (PP)
Capsule Vent O-rings	Silicone
SP3 Capsule Port Insert	316L Stainless Steel
SP3 Capsule Housing	Polyetherimide (PEI)
SP3 Capsule O-rings	Silicone

### Maximum Differential Pressure

A - Standard Cartridge/ H - High Area Cartridge 1	Forward: 0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
L - High Area Cartridge 2	Forward: 0.55 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
Capsule	Forward: 0.55 MPa @ 25 °C, 0.1 MPa @ 80 °C Reverse: 0.21 MPa @ 25 °C

### Integrity Test Standards

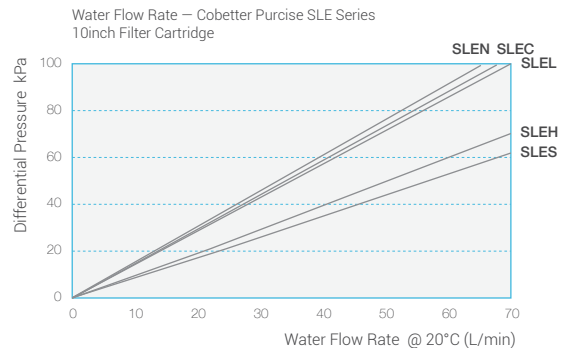
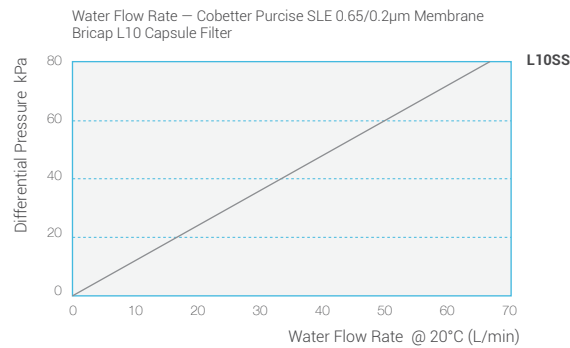
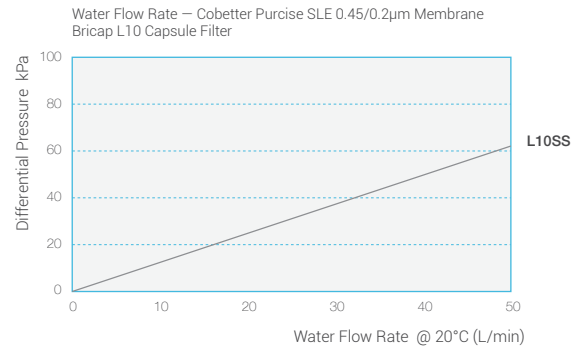
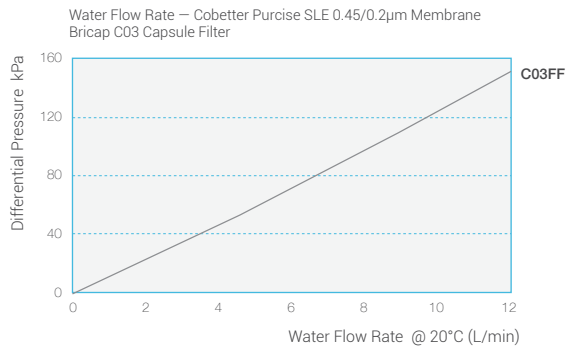
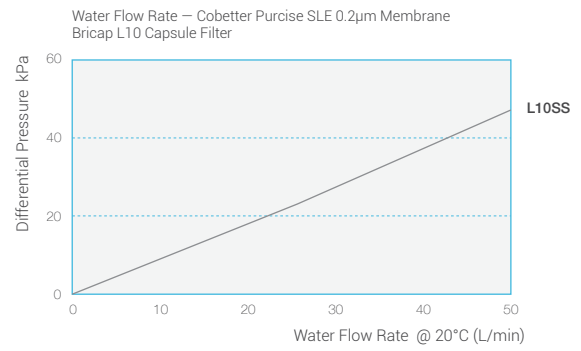
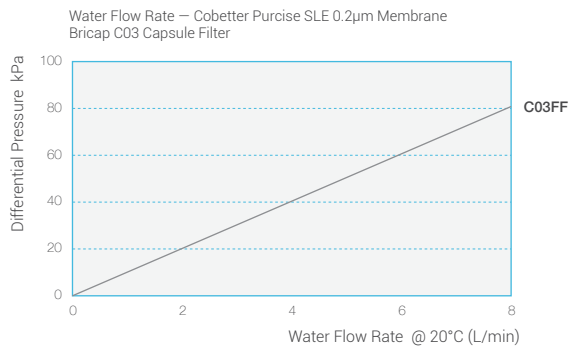
Standard - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.32 MPa, air, wetted with water Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water
Q Series - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.39 MPa, air, wetted with water Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water

### Sterilization

A - Standard Cartridge/ H - High Area Cartridge 1	Can be steam sterilized for 30 minutes at 135 °C with 50 cycles (< 30 kPa) Can be autoclaved 50 cycles for 30 minutes at 130 °C
L - High Area Cartridge 2	Can be steam sterilized for 30 minutes at 135 °C with 30 cycles (< 30 kPa) Can be autoclaved 30 cycles for 30 minutes at 130 °C
Capsule	Autoclavable capsules only: Can be autoclaved 25 cycles for 30 minutes at 130 °C, (Can not be steam sterilized in-line) Gamma compatible capsules: Can be sterilized by gamma irradiation at 25-45 kGy or can be autoclaved 5 cycles for 60 minutes at 126 °C. (Can not be steamed in-line) Sterile capsule: Can be sterilized by gamma irradiation at 25-45 kGy Cleansteam bag sterile package: Pre-sterilized with autoclave for 30 minutes at 121 °C

Notes: Gamma sterilized products cannot be re-sterilized with gamma irradiation or steam sterilization

## Flow Rates



## Regulatory Compliance

- Effluent meets the USP<788> requirement of particulate matter in large volume injection.
- Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3(b)(6).
- Retention of  $10^7$  cfu/cm<sup>2</sup> Brevundimonas diminuta (ATCC 19146) according to ASTM F838
- Aqueous extraction from a cartridge contains less than 0.25EU/ml as determined by Limulus Amebocyte Lysate (LAL), meeting requirements of USP<85>.
- Components meet the requirement of USP <87> In Vitro Biological Reactivity Test.
- Components meet the criteria of the USP <88> Biological Reactivity Test for Class V-121 °C plastics.
- Components meet the FDA indirect Food Additive requirements cited in 21 CFR 177-182.
- Based on the current information from our suppliers, all components used in the manufacture of this product are animal-free.

Notes: Contact Cobetter for more specification details.

## Purcise SAF/SLE Filter

### Ordering Information

#### Filter Cartridge



Cartridge Format

- A** Standard Cartridge
- H** H - High Area Cartridge(0.69-0.8m<sup>2</sup>)
- L** L - High Area Cartridge(1.0-1.2m<sup>2</sup>)



Membrane Type

- SAFN** SAF 0.2µm
- SAFS** SAF 0.45/0.2µm
- SAFH** SAF 0.65/0.2µm
- SLEN** SLE 0.2µm
- SLES** SLE 0.45/0.2 µm
- SLEH** SLE 0.65/0.2 µm
- SLEL** SLE 0.8/0.2 µm
- SLEC** SLE 1.2/0.2 µm



Length

- 02** 2.5 inch
- 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
- 6** 222 / 3-Flange bayonet / Fin



O-ring Material

- S** Silicone
- E** EPDM
- V** Fluoroelastomer
- P** FEP/PFA encapsulated O-rings



Category

- Blank** Standard
- Q**



- Pharmaceutical Grade

#### Bricap C Series Capsule Filter



Housing Type

- Blank** Standard
- K** Transparent



Capsule Format

- C01** BricapC01
- C02** BricapC02
- C03** Bricap C03



Inlet/Outlet

- T** 19 mm (3/4") Sanitary Flange
- K** 14 mm (9/16") Sanitary Flange
- F** 31 mm (1 1/4") Sanitary Flange
- V** 14 mm (9/16") Hose Barb
- H** 13 mm (1/2") Hose Barb
- Y** 9.6 mm (3/8") Hose Barb
- L** 3.2 mm (1/8") Hose Barb
- B** 6-13 mm (1/4"-1/2") Stepped Hose Barb (No Filling Bell)
- A** 6-13 mm (1/4"-1/2") Stepped Hose Barb with Filling Bell (Outlet only)

#### Bricap D Series Capsule Filter



Capsule Format

- D01** BricapD01



Inlet/Outlet

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

#### Bricap L Series Capsule Filter



Housing Type

- Blank** Standard
- K** Transparent



Capsule Format

- L02** Bricap L02
- L03** Bricap L03
- L05** Bricap L05
- L10** Bricap L10
- L20** Bricap L20
- L30** Bricap L30



Inlet/Outlet

- S** 38 mm (1 1/2") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- K** 14 mm (9/16") Sanitary Flange
- D** 25 mm (1") Hose Barb
- M** 19 mm (3/4") Hose Barb
- X** 16 mm (5/8") Hose Barb
- V** 14 mm (9/16") Hose Barb
- H** 13 mm (1/2") Hose Barb
- Y** 9.6 mm (3/8") Hose Barb

#### Bricap T Series Capsule Filter



Capsule Format

- T10** Bricap T10
- T20** Bricap T20
- T30** Bricap T30



Inlet/Outlet

- SS** 38 mm (1 1/2") Sanitary Flange Inlet & Outlet
- SM** 38 mm (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

Membrane Type	Sterilization	Quantity/Package	Category	Pharmaceutical Grade
<ul style="list-style-type: none"> <li><b>SAFN</b> SAF 0.2µm</li> <li><b>SAFS</b> SAF 0.45/0.2µm</li> <li><b>SAFH</b> SAF 0.65/0.2µm</li> <li><b>SLEN</b> SLE 0.2µm</li> <li><b>SLES</b> SLE 0.45/0.2 µm</li> <li><b>SLEH</b> SLE 0.65/0.2 µm</li> <li><b>SLEL</b> SLE 0.8/0.2 µm</li> <li><b>SLEC</b> SLE 1.2/0.2 µm</li> </ul>	<ul style="list-style-type: none"> <li><b>A</b> Autoclavable</li> <li><b>G</b> Gamma Compatible</li> <li><b>S</b> Sterile</li> <li><b>C</b> Cleansteam Bag Sterile Package</li> </ul>	<ul style="list-style-type: none"> <li><b>1</b> 1 /pkg</li> </ul>	<ul style="list-style-type: none"> <li><b>Blank</b> Standard</li> <li><b>Q</b></li> </ul>	<ul style="list-style-type: none"> <li>Pharmaceutical Grade</li> </ul>

### Bricap HL Series Capsule Filter



Capsule Format

- HL02** Bricap HL02
- HL03** Bricap HL03
- HL05** Bricap HL05
- HL10** Bricap HL10
- HL20** Bricap HL20
- HL30** Bricap HL30



Inlet/Outlet

- S** 38 mm (1 1/2") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- V** 14 mm (9/16") Hose Barb
- D** 25 mm (1") Hose Barb
- H** 13 mm (1/2") Hose Barb
- Y** 9.6 mm (3/8") Hose Barb

### Bricap HT Series Capsule Filter



Capsule Format

- HT02** Bricap HT02
- HT03** Bricap HT03
- HT05** Bricap HT05
- HT10** Bricap HT10
- HT20** Bricap HT20
- HT30** Bricap HT30



Inlet/Outlet

- SS** 38 mm (1 1/2") Sanitary Flange
- SM** 38 mm (1 1/2") Sanitary Flange Inlet and 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** None

### Briscap SP3 Series Capsule Filter



Capsule Format

- SP3** Brisap SP3



Inlet/Outlet

- S** 38 mm (1 1/2") Sanitary Flange



Membrane Type

- SAFN** SAF 0.2µm
- SAFS** SAF 0.45/0.2µm
- SAFH** SAF 0.65/0.2µm
- SLEN** SLE 0.2µm
- SLES** SLE 0.45/0.2 µm
- SLEH** SLE 0.65/0.2 µm
- SLEL** SLE 0.8/0.2 µm
- SLEEC** SLE 1.2/0.2 µm



Vent and Drain Valves

- P** Both using 6 mm hose barb
- X** Vent valve using quick coupling (compatible with Stäubli connector), and drain valve using 6 mm hose barb
- T** Both using quick coupling (compatible with Stäubli connector)
- V** Both using 13 mm (1/2") sanitary flange



Quantity/Package

- 1** 1 /pkg



Category

- Blank Q** Standard Pharmaceutical Grade



### BriScale A50 Liquid Disc Filter



Disc Filter Format

- A50** BriScale A50



Inlet/Outlet

- BB** 6-13 mm (1/4"-1/2") Stepped Hose Barb Inlet and Outlet (No Filling Bell)
- BA** 6-13 mm (1/4"-1/2") Stepped Hose Barb Inlet and Outlet (Outlet with Filling Bell)

### Bricap SFU Series Syringe Filter (No Vent)



Syringe Filter Format

- U13** Bricap SFU13
- U25** Bricap SFU25
- U33** Bricap SFU33



Inlet/Outlet

- CP** Female luer lock inlet and male luer lock outlet

### Bricap SFV Series Syringe Filter (With Luer Vent)



Syringe Filter Format

- V25** Bricap SFV25



Inlet/Outlet

- CP** Female luer lock inlet and male luer lock outlet



Membrane Type

- HSAFN** HSAF 0.2 µm
- LSAFN** LSAF 0.2 µm
- HSAFS** HSAF 0.45/0.2 µm
- LSAFS** LSAF 0.45/0.2 µm
- HSAFH** HSAF 0.65/0.2 µm
- LSAFH** LSAF 0.65/0.2 µm
- HSELEN** HSLE 0.2 µm
- LSLEN** LSLE 0.2 µm
- HSLES** HSLE 0.45/0.2 µm
- LSLES** LSLE 0.45/0.2 µm
- HSLEH** HSLE 0.65/0.2 µm
- LSLEH** LSLE 0.65/0.2 µm
- HSLEL** HSLE 0.8/0.2 µm
- LSLEL** LSLE 0.8/0.2 µm
- HSLEEC** HSLE 1.2/0.2 µm
- LSLEEC** LSLE 1.2/0.2 µm



Sterilization

- A** Autoclavable
- G** Gamma Compatible
- S** Sterile
- C** Cleansteam Bag Sterile Package



Quantity/Package

- 1** 1 /pkg



Category

- Blank Q** Standard Pharmaceutical Grade



## Sterilizing-Grade Filter Series

# Purcise SLEB Filter

## Hydrophilic Sterilizing-Grade Filter with Low Protein Adsorption



Sterile filtration products specifically designed for complex fluids.

### Features

Low adsorption and low leachables  
Unwetted filter can be steam sterilized directly

### Typical Applications

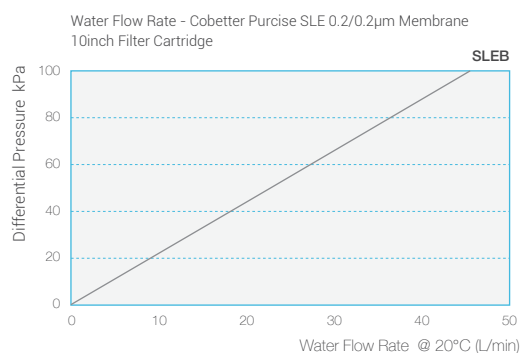
Final sterile filtration  
Sterile filtration of complex fluids, liposome  
Sterile filtration of emulsion, high viscous fluids

### Quality Control

100% integrity testing in manufacturing  
Each filter is fully traceable with unique serial number  
ISO 9001:2015 manufacturing facility

### Removal Rating and Effective Filtration Area

	SLEB(0.2/0.2 μm)
A - Standard Cartridge (10")	0.55 m <sup>2</sup>
H - High Area Cartridge 1 (10")	0.8 m <sup>2</sup>
L - High Area Cartridge 2 (10")	1.04 m <sup>2</sup>



### Materials of Construction

Membrane	Hydrophilic polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Caps	Polypropylene (PP)
Cartridge End Cap Inserts	Polybutylene terephthalate (PBT) (Cartridge exclusive)
Cartridge End Cap O-rings	Silicone / EPDM / Fluoroelastomer / PFA encapsulated O-rings
Capsule Housing	Polypropylene (PP)
Capsule Vent O-rings	Silicone
SP3 Capsule Port Insert	316L Stainless Steel
SP3 Capsule Housing	Polyetherimide (PEI)
SP3 Capsule O-rings	Silicone

### Maximum Differential Pressure

A - Standard Cartridge/	Forward: 0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C
H - High Area Cartridge 1	Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
L - High Area Cartridge 2	Forward: 0.55 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
Capsule	Forward: 0.55 MPa @ 25 °C, 0.1 MPa @ 80 °C Reverse: 0.21 MPa @ 25 °C

### Integrity Test Standards

Standard - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.39 MPa, air, wetted with water Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water
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## Sterilization

A - Standard Cartridge/ H - High Area Cartridge 1	Can be steam sterilized for 30 minutes at 135 °C with 50 cycles (< 30 kPa) Can be autoclaved 50 cycles for 30 minutes at 130°C
L - High Area Cartridge 2	Can be steam sterilized for 30 minutes at 135 °C with 30 cycles (< 30 kPa) Can be autoclaved 30 cycles for 30 minutes at 130°C
Capsule	Autoclavable capsules only: Can be autoclaved 25 cycles for 30 minutes at 130°C, (Can not be steam sterilized in-line) Gamma compatible capsules: Can be sterilized by gamma irradiation at 25-45 kGy or can be autoclaved 5 cycles for 60 minutes at 126 °C. (Can not be steamed in-line) Sterile capsule: Can be sterilized by gamma irradiation at 25-45 kGy Cleansteam bag sterile package: Pre-sterilized with autoclave for 30 minutes at 121°C

Notes: Gamma sterilized products cannot be re-sterilized with gamma irradiation or steam sterilization

## Regulatory Compliance

- Effluent meets the USP<788> requirement of particulate matter in large volume injection.
- Component materials meet the criteria for a “Non-fiber-releasing filter” as defined in 21 CFR 210.3(b)(6).
- Retention of  $10^7$  cfu/cm<sup>2</sup> *Brevundimonas diminuta* (ATCC 19146) according to ASTM F838
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- Components meet the requirement of USP <87> In Vitro Biological Reactivity Test.
- Components meet the criteria of the USP <88> Biological Reactivity Test for Class V-121 °C plastics.
- Components meet the FDA indirect Food Additive requirements cited in 21 CFR 177-182.
- Based on the current information from our suppliers, all components used in the manufacture of this product are animal-free.

Notes: Contact Cobetter for more specification details.



## Purcise SLEB Filter

### Ordering Information

#### Filter Cartridge



Cartridge Format

- A** Standard Cartridge
- H** H - High Area Cartridge(0.69-0.8m<sup>2</sup>)
- L** L - High Area Cartridge(1.0-1.2m<sup>2</sup>)



Membrane Type

- SLEB** SLE 0.2/0.2µm



Length

- 02** 2.5 inch
- 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
- 6** 222 / 3-Flange bayonet / Fin



O-ring Material

- S** Silicone
- E** EPDM
- V** Fluoroelastomer
- P** FEP/PFA encapsulated O-rings



Pharmaceutical Grade

#### Bricap C Series Capsule Filter



Housing Type

- Blank** Standard
- K** Transparent



Capsule Format

- C01** BricapC01
- C02** BricapC02
- C03** BricapC03



Inlet/Outlet

- T** 19 mm(3/4") Sanitary Flange
- K** 14 mm (9/16") Sanitary Flange
- F** 31 mm (1 1/4") Sanitary Flange
- V** 14 mm (9/16") Hose Barb
- H** 13 mm (1/2") Hose Barb
- Y** 9.6 mm (3/8") Hose Barb
- L** 3.2 mm (1/8") Hose Barb
- B** 6-13 mm (1/4"-1/2") Stepped Hose Barb (No Filling Bell)
- A** 6-13 mm (1/4"-1/2") Stepped Hose Barb with Filling Bell (Outlet only)

#### Bricap D Series Capsule Filter



Capsule Format

- D01** BricapD01



Inlet/Outlet

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

#### Bricap L Series Capsule Filter



Housing Type

- Blank** Standard
- K** Transparent



Capsule Format

- L02** Bricap L02
- L03** Bricap L03
- L05** Bricap L05
- L10** Bricap L10
- L20** Bricap L20
- L30** Bricap L30



Inlet/Outlet

- S** 38 mm (1 1/2") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- K** 14 mm (9/16") Sanitary Flange
- D** 25 mm (1") Hose Barb
- M** 19 mm (3/4") Hose Barb
- X** 16 mm (5/8") Hose Barb
- V** 14 mm (9/16") Hose Barb
- H** 13 mm (1/2") Hose Barb
- Y** 9.6 mm (3/8") Hose Barb

#### Bricap T Series Capsule Filter



Capsule Format

- T10** Bricap T10
- T20** Bricap T20
- T30** Bricap T30



Inlet/Outlet

- SS** 38 mm (1 1/2") Sanitary Flange Inlet & Outlet
- SM** 38 mm (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

Membrane Type

- SLEB** SLE 0.2/0.2µm

Sterilization

- A** Autoclavable
- G** Gamma Compatible
- S** Sterile
- C** Cleansteam Bag Sterile Package

Quantity/Package

- 1** 1 /pkg

Pharmaceutical Grade

### Bricap HL Series Capsule Filter



Capsule Format

- HL02** Bricap HL02
- HL03** Bricap HL03
- HL05** Bricap HL05
- HL10** Bricap HL10
- HL20** Bricap HL20
- HL30** Bricap HL30



Inlet/Outlet

- S** 38 mm (1 1/2") Sanitary Flange
- T** 19 mm (3/4") Sanitary Flange
- V** 14 mm (9/16") Hose Barb
- D** 25 mm (1") Hose Barb
- H** 13 mm (1/2") Hose Barb
- Y** 9.6 mm (3/8") Hose Barb

### Bricap HT Series Capsule Filter



Capsule Format

- HT02** Bricap HT02
- HT03** Bricap HT03
- HT05** Bricap HT05
- HT10** Bricap HT10
- HT20** Bricap HT20
- HT30** Bricap HT30



Inlet/Outlet

- SS** 38 mm (1 1/2") Sanitary Flange
- SM** 38 mm (1 1/2") Sanitary Flange Inlet and 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** None

### Brisip SP3 Series Capsule Filter



Capsule Format

- SP3** Brisip SP3



Inlet/Outlet

- S** 38 mm (1 1/2") Sanitary Flange



Membrane Type

- SLEB** SLE 0.2/0.2 µm



Vent and Drain Valves

- P** Both using 6 mm hose barb
- X** Vent valve using quick coupling (compatible with Stäubli connector), and drain valve using 6 mm hose barb
- T** Both using quick coupling (compatible with Stäubli connector)
- V** Both using 13 mm (1/2") sanitary flange



Quantity/Package

- 1** 1 /pkg



Pharmaceutical Grade

### BriScale A50 Liquid Disc Filter



Liquid Disc Filter Format

- A50** BriScale A50



Inlet/Outlet

- BB** 6-13 mm (1/4"-1/2") Stepped Hose Barb Inlet and Outlet (No Filling Bell)
- BA** 6-13 mm (1/4"-1/2") Stepped Hose Barb Inlet and Outlet (Outlet with Filling Bell)

### Bricap SFU Series Syringe Filter (No Vent)



Syringe Filter Format

- U13** Bricap SFU13
- U25** Bricap SFU25
- U33** Bricap SFU33



Inlet/Outlet

- CP** Female luer lock inlet and male luer lock outlet

### Bricap SFV Series Syringe Filter (With Luer Vent)



Syringe Filter Format

- V25** Bricap SFV25



Inlet/Outlet

- CP** Female luer lock inlet and male luer lock outlet



Membrane Type

- HSLEB** HSLE 0.2/0.2 µm
- LSLEB** LSLE 0.2/0.2 µm



Sterilization

- A** Autoclavable
- G** Gamma Compatible
- S** Sterile
- C** Cleansteam Bag Sterile Package



Quantity/Package

- 1** 1 /pkg



Pharmaceutical Grade



Membrane Type

- SLEB** SLE 0.2/0.2 µm



Sterilization

- A** Autoclavable
- G** Gamma Compatible
- S** Sterile



Quantity/Package

- 1** 1 /pkg



Pharmaceutical Grade

## Sterilizing-Grade Filter Series

# Purcise SLTS Filter

## Sterilizing-Grade Filter with Low Adsorption



### Features

Low cytotoxicity  
Low adsorption

### Typical Applications

Culture-medium sterile filtration

### Quality Control

100% integrity testing in manufacturing  
Each filter is fully traceable with unique serial number  
ISO 9001:2015 manufacturing facility

### Removal Rating and Effective Filtration Area

	SLTS(0.45/0.2 μm)	SLTH(0.65/0.2 μm)	SLTL(0.8/0.2 μm)
A - Standard Cartridge (10")	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>	0.55 m <sup>2</sup>

### Materials of Construction

Membrane	Hydrophilic polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Caps	Polypropylene (PP)
Cartridge End Cap Inserts	Polybutylene terephthalate (PBT) (Cartridge exclusive)
Cartridge End Cap O-rings	Silicone /EPDM /Fluoroelastomer / PFA encapsulated O-rings
Capsule Housing	Polypropylene (PP)
Capsule Vent O-rings	Silicone

### Maximum Differential Pressure

A - Standard Cartridge	Forward: 0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C
	Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
Capsule	Forward: 0.55 MPa @ 25 °C, 0.1 MPa @ 80 °C
	Reverse: 0.21 MPa @ 25 °C

### Integrity Test Standards

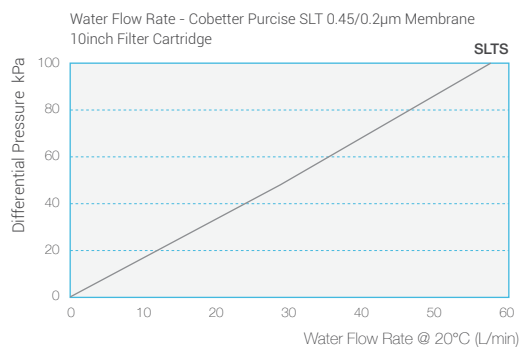
Standard - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.34 MPa, air, wetted with water
	Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water

### Sterilization

A - Standard Cartridge	Can be steam sterilized for 30 minutes at 135 °C with 50 cycles (< 30 kPa)
	Can be autoclaved 50 cycles for 30 minutes at 130°C
Capsule	Autoclavable capsules only : Can be autoclaved 25 cycles for 30 minutes at 130°C, (Can not be steam sterilized in-line)
	Gamma compatible capsules: Can be sterilized by gamma irradiation at 25-45 kGy or can be autoclaved 5 cycles for 60 minutes at 126 °C. (Can not be steamed in-line)
	Sterile capsule: Can be sterilized by gamma irradiation at 25-45 kGy
	Cleansteam bag sterile package: Pre-sterilized with autoclave for 30 minutes at 121°C

Notes: Gamma sterilized products cannot be re-sterilized with gamma irradiation or steam sterilization

## Water Flow Rate



## Regulatory Compliance

- Effluent meets the USP<788> requirement of particulate matter in large volume injection.
- Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3(b)(6).
- Retention of  $10^7$  cfu/cm<sup>2</sup> *Brevundimonas diminuta* (ATCC 19146) according to ASTM F838
- Aqueous extraction from a cartridge contains less than 0.25EU/ml as determined by Limulus Amebocyte Lysate (LAL), meeting requirements of USP<85>.
- Components meet the requirement of USP <87> In Vitro Biological Reactivity Test.
- Components meet the criteria of the USP <88> Biological Reactivity Test for Class V-121 °C plastics.
- Components meet the FDA indirect Food Additive requirements cited in 21 CFR177-182.
- Based on the current information from our suppliers, all components used in the manufacture of this product are animal-free.

Notes: Contact Cobetter for more specification details.

## Sterilizing-Grade Filter Series

# Purcise SBVS Filter Sterilizing-Grade Filter



High loading, low adsorption

### Typical Applications

Animal vaccine filtration  
Paclitaxel albumin solution filtration

### Quality Control

100% integrity testing in manufacturing  
Each filter is fully traceable with unique serial number  
ISO 9001:2015 manufacturing facility

### Removal Rating and Effective Filtration Area

	SBVS(0.45/0.2 µm)
A - Standard Cartridge (10")	0.55 m <sup>2</sup>

### Maximum Operating Pressure

A - Standard Cartridge	0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C
Capsule	0.55 MPa @ 25 °C, 0.10 MPa @ 80 °C

### Materials of Construction

Membrane	Hydrophilic polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Caps	Polypropylene (PP)
Cartridge End Cap Inserts	Polybutylene terephthalate (PBT) (Cartridge exclusive)
Cartridge End Cap O-rings	Silicone / EPDM / Fluoroelastomer / PFA encapsulated O-rings
Capsule Housing	Polypropylene (PP)
Capsule Vent O-rings	Silicone
SP3 Capsule Port Insert	316L Stainless Steel
SP3 Capsule Housing	Polyetherimide (PEI)
SP3 Capsule O-rings	Silicone

### Maximum Differential Pressure

Standard Cartridge	Forward: 0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C
	Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
Capsule	Forward: 0.55 MPa @ 25 °C, 0.1 MPa @ 80 °C
	Reverse: 0.21 MPa @ 25 °C

### Integrity Test Standards

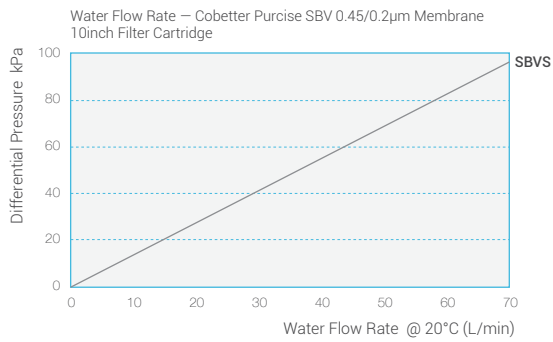
Standard - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.39 MPa, air, wetted with water
	Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water

### Sterilization

A - Standard Cartridge	Can be steam sterilized for 30 minutes at 135 °C with 50 cycles (< 30 kPa)
	Can be autoclaved 50 cycles for 30 minutes at 130°C
Capsule	Autoclavable capsules only : Can be autoclaved 25 cycles for 30 minutes at 130°C, (Can not be steam sterilized in-line)
	Gamma compatible capsules: Can be sterilized by gamma irradiation at 25-45 kGy or can be autoclaved 5 cycles for 60 minutes at 126 °C. (Can not be steamed in-line)
	Sterile capsule: Can be sterilized by gamma irradiation at 25-45 kGy
	Cleansteam bag sterile package: Pre-sterilized with autoclave for 30 minutes at 121°C

Notes: Gamma sterilized products cannot be re-sterilized with gamma irradiation or steam sterilization

## Flow Rates



## Regulatory Compliance

- Effluent meets the USP<788> requirement of particulate matter in large volume injection.
- Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3(b)(6).
- Retention of  $10^7$  cfu/cm<sup>2</sup> *Brevundimonas diminuta* (ATCC 19146) according to ASTM F838
- Aqueous extraction from a cartridge contains less than 0.25EU/ml as determined by Limulus Amebocyte Lysate (LAL), meeting requirements of USP<85>.
- Components meet the requirement of USP <87> In Vitro Biological Reactivity Test.
- Components meet the criteria of the USP <88> Biological Reactivity Test for Class V-121 °C plastics.
- Components meet the FDA indirect Food Additive requirements cited in 21 CFR177-182.
- Based on the current information from our suppliers, all components used in the manufacture of this product are animal-free.

Notes: Contact Cobetter for more specification details.

## Purcise SLTS/SBVS Filter

### Ordering Information

#### Filter Cartridge



Cartridge Format

**A** Standard Cartridge



Membrane Type

**SLTS** SLT 0.45/0.2 µm  
**SLTH** SLT 0.65/0.2 µm  
**SLTL** SLT 0.8/0.2 µm  
**SBVS** SBV 0.45/0.2 µm



Length

**02** 2.5 inch  
**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  
**6** 222 / 3-Flange bayonet / Fin



O-ring Material

**S** Silicone  
**E** EPDM  
**V** Fluoroelastomer  
**P** FEP/PFA encapsulated O-rings



Pharmaceutical Grade

#### Bricap C Series Capsule Filter



Capsule Format

**C01** Bricap C01  
**C02** Bricap C02  
**C03** Bricap C03



Inlet/Outlet

**T** 19 mm (3/4") Sanitary Flange  
**K** 14 mm (9/16") Sanitary Flange  
**F** 31 mm (1 1/4") Sanitary Flange  
**V** 14 mm (9/16") Hose Barb  
**H** 13 mm (1/2") Hose Barb  
**Y** 9.6 mm (3/8") Hose Barb  
**L** 3.2 mm (1/8") Hose Barb  
**B** 6-13 mm (1/4"-1/2") Stepped Hose Barb (No Filling Bell)  
**A** 6-13 mm (1/4"-1/2") Stepped Hose Barb with Filling Bell (Outlet only)



Membrane Type

**SLTS** SLT 0.45/0.2 µm  
**SLTH** SLT 0.65/0.2 µm  
**SLTL** SLT 0.8/0.2 µm  
**SBVS** SBV 0.45/0.2 µm



Sterilization

**A** Autoclavable  
**G** Gamma Compatible  
**S** Sterile  
**C** Cleansteam Bag Sterile Package



Quantity/Package

**1** 1 /pkg



Pharmaceutical Grade

#### Bricap D Series Capsule Filter



Capsule Format

**D01** Bricap D01



Inlet/Outlet

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

#### Bricap L Series Capsule Filter



Capsule Format

**L02** Bricap L02  
**L03** Bricap L03  
**L05** Bricap L05  
**L10** Bricap L10  
**L20** Bricap L20  
**L30** Bricap L30



Inlet/Outlet

**S** 38 mm (1 1/2") Sanitary Flange  
**T** 19 mm (3/4") Sanitary Flange  
**K** 14 mm (9/16") Sanitary Flange  
**D** 25 mm (1") Hose Barb  
**M** 19 mm (3/4") Hose Barb  
**X** 16 mm (5/8") Hose Barb  
**V** 14 mm (9/16") Hose Barb  
**H** 13 mm (1/2") Hose Barb  
**Y** 9.6 mm (3/8") Hose Barb

#### Bricap T Series Capsule Filter



Capsule Format

**T10** Bricap T10  
**T20** Bricap T20  
**T30** Bricap T30



Inlet/Outlet

**SS** 38 mm (1 1/2") Sanitary Flange Inlet & Outlet  
**SM** 38 mm (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

### Brisip SP3 Series Capsule Filter



Capsule Format

**SP3** Brisip SP3



Inlet/Outlet

**S** 38 mm (1 1/2")  
Sanitary Flange



Membrane Type

**SLTS** SLT 0.45/0.2 µm  
**SLTH** SLT 0.65/0.2 µm  
**SLTL** SLT 0.8/0.2 µm  
**SBVS** SBV 0.45/0.2 µm



Vent and Drain Valves

**P** Both using 6 mm hose barb  
**X** Vent valve using quick coupling  
(compatible with Stäubli connector),  
and drain valve using 6 mm hose barb  
**T** Both using quick coupling  
(compatible with Stäubli connector)  
**V** Both using 13 mm (1/2") sanitary flange



Quantity/Package

**1** 1 /pkg



Pharmaceutical  
Grade

### BriScale A50 Liquid Disc Filter



Disc Filter Format

**A50** BriScale A50



Inlet/Outlet

**BB** 6-13 mm (1/4"-1/2") Stepped Hose  
Barb Inlet and Outlet (No Filling Bell)  
**BA** 6-13 mm (1/4"-1/2") Stepped Hose  
Barb Inlet and Outlet  
(Outlet with Filling Bell)



Membrane Type

**SLTS** SLT 0.45/0.2 µm  
**SLTH** SLT 0.65/0.2 µm  
**SLTL** SLT 0.8/0.2 µm  
**SBVS** SBV 0.45/0.2 µm



Sterilization

**A** Autoclavable  
**G** Gamma Compatible  
**S** Sterile



Quantity/Package

**1** 1 /pkg



Pharmaceutical  
Grade

### Bricap SFU Series Syringe Filter (No Vent)



Syringe Filter Format

**U13** Bricap SFU13  
**U25** Bricap SFU25  
**U33** Bricap SFU33



Inlet/Outlet

**CP** Female luer lock inlet and  
male luer lock outlet

### Bricap SFV Series Syringe Filter (With Luer Vent)



Syringe Filter Format

**V25** Bricap SFV25



Inlet/Outlet

**CP** Female luer lock inlet and  
male luer lock outlet



## Sterilizing-Grade Filter Series

# Purcise SEAS Filter Sterilizing-Grade Filter



Sterile filtration specially developed for complex fluids

### Features

High loading

### Typical Applications

Intermediate product filtration

### Quality Control

100% integrity testing in manufacturing

Each filter is fully traceable with unique serial number

ISO 9001:2015 manufacturing facility

### Removal Rating and Effective Filtration Area

	SEAS(0.45/0.2 μm)
A - Standard Cartridge (10")	0.55 m <sup>2</sup>

### Materials of Construction

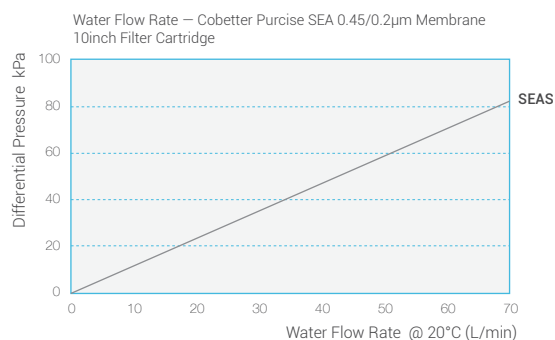
Membrane	Hydrophilic polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Caps	Polypropylene (PP)
Cartridge End Cap Inserts	Polybutylene terephthalate (PBT) (Cartridge exclusive)
Cartridge End Cap O-rings	Silicone / EPDM / Fluoroelastomer / PFA encapsulated O-rings
Capsule Housing	Polypropylene (PP)
Capsule Vent O-rings	Silicone
SP3 Capsule Port Insert	316L Stainless Steel
SP3 Capsule Housing	Polyetherimide (PEI)
SP3 Capsule O-rings	Silicone

### Maximum Differential Pressure

A - Standard Cartridge	Forward: 0.69 MPa @ 25 °C, 0.40 MPa @ 60 °C, 0.24 MPa @ 80 °C
	Reverse: 0.30 MPa @ 25 °C, 0.10 MPa @ 80 °C
Capsule	Forward: 0.55 MPa @ 25 °C, 0.1 MPa @ 80 °C
	Reverse: 0.21 MPa @ 25 °C

### Integrity Test Standards

Standard - 10inch (0.55m <sup>2</sup> )	Bubble Point @20 °C ≥ 0.375 MPa, air, wetted with water
	Air Diffusion @20 °C ≤ 28 ml/min @0.275 MPa, wetted with water



### Sterilization

A - Standard Cartridge	Can be steam sterilized for 30 minutes at 135 °C with 50 cycles (< 30 kPa)
	Can be autoclaved 50 cycles for 30 minutes at 130°C
Capsule	Autoclavable capsules only : Can be autoclaved 25 cycles for 30 minutes at 130°C, (Can not be steam sterilized in-line)
	Gamma compatible capsules: Can be sterilized by gamma irradiation at 25-45 kGy or can be autoclaved 5 cycles for 60 minutes at 126 °C. (Can not be steamed in-line)
	Sterile capsule: Can be sterilized by gamma irradiation at 25-45 kGy
	Cleansteam bag sterile package: Pre-sterilized with autoclave for 30 minutes at 121 °C

Notes: Gamma sterilized products cannot be re-sterilized with gamma irradiation or steam sterilization







### Regulatory Compliance

- Effluent meets the USP<788> requirement of particulate matter in large volume injection.
- Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3(b)(6).
- Retention of 10<sup>7</sup> cfu/cm<sup>2</sup> Brevundimonas diminuta (ATCC 19146) according to ASTM F838
- Aqueous extraction from a cartridge contains less than 0.25EU/ml as determined by Limulus Amebocyte Lysate (LAL), meeting requirements of USP<85>.
- Components meet the requirement of USP <87> In Vitro Biological Reactivity Test.
- Components meet the criteria of the USP <88> Biological Reactivity Test for Class V-121 °C plastics.
- Components meet the FDA indirect Food Additive requirements cited in 21 CFR177-182.
- Based on the current information from our suppliers, all components used in the manufacture of this product are animal-free.








Notes: Contact Cobetter for more specification details.

**Purcise SEAS Filter**  
Ordering Information




**Filter Cartridge**

					
Cartridge Format	Membrane Type	Length	Code	O-ring Material	Pharmaceutical Grade
<b>A</b> Standard Cartridge	<b>SEAS</b> SEA 0.45/0.2 µm	<b>02</b> 2.5 inch <b>05</b> 5 inch <b>10</b> 10 inch <b>20</b> 20 inch <b>30</b> 30 inch <b>40</b> 40 inch	<b>0</b> DOE <b>2</b> 226 / Flat <b>7</b> 226 / Fin <b>3</b> 222 / Flat <b>8</b> 222 / Fin <b>6</b> 222 / 3-Flange bayonet / Fin	<b>S</b> Silicone <b>E</b> EPDM <b>V</b> Fluoroelastomer <b>P</b> FEP/PFA encapsulated O-rings	




**Bricap C Series Capsule Filter**

						
Housing Type	Capsule Format	Inlet/Outlet	Membrane Type	Sterilization	Quantity/Package	Pharmaceutical Grade
<b>Blank</b> Standard <b>K</b> Transparent	<b>C01</b> Bricap C01 <b>C02</b> Bricap C02 <b>C03</b> Bricap C03	<b>T</b> 19 mm (3/4") Sanitary Flange <b>K</b> 14 mm (9/16") Sanitary Flange <b>F</b> 31 mm (1 1/4") Sanitary Flange <b>V</b> 14 mm (9/16") Hose Barb <b>H</b> 13 mm (1/2") Hose Barb <b>Y</b> 9.6 mm (3/8") Hose Barb <b>L</b> 3.2 mm (1/8") Hose Barb <b>B</b> 6-13 mm (1/4"-1/2") Stepped Hose Barb (No Filling Bell) <b>A</b> 6-13 mm (1/4"-1/2") Stepped Hose Barb with Filling Bell (Outlet only)	<b>SEAS</b> SEA 0.45/0.2 µm	<b>A</b> Autoclavable <b>G</b> Gamma Compatible <b>S</b> Sterile <b>C</b> Cleansteam Bag Sterile Package	<b>1</b> 1 /pkg	

**Bricap L Series Capsule Filter**

		
Housing Type	Capsule Format	Inlet/Outlet
<b>Blank</b> Standard <b>K</b> Transparent	<b>L02</b> Bricap L02 <b>L03</b> Bricap L03 <b>L05</b> Bricap L05 <b>L10</b> Bricap L10 <b>L20</b> Bricap L20 <b>L30</b> Bricap L30	<b>S</b> 38 mm (1 1/2") Sanitary Flange <b>T</b> 19 mm (3/4") Sanitary Flange <b>K</b> 14 mm (9/16") Sanitary Flange <b>D</b> 25 mm (1") Hose Barb <b>M</b> 19 mm (3/4") Hose Barb <b>X</b> 16 mm (5/8") Hose Barb <b>V</b> 14 mm (9/16") Hose Barb <b>H</b> 13 mm (1/2") Hose Barb <b>Y</b> 9.6 mm (3/8") Hose Barb

**Bricap T Series Capsule Filter**

		
Capsule Format	Inlet/Outlet	Gauge Port Type
<b>T10</b> Bricap T10 <b>T20</b> Bricap T20 <b>T30</b> Bricap T30	<b>SS</b> 38 mm (1 1/2") Sanitary Flange Inlet & Outlet <b>SM</b> 38 mm (1 1/2") Sanitary Flange Inlet & 19 mm (3/4") Hose Barb Outlet	<b>S</b> 38 mm (1 1/2") Sanitary Flange <b>T</b> 19 mm (3/4") Sanitary Flange <b>N</b> Without Gauge Port