

Sterile-Grade Filter Series

Purcise® SPS Filter

Hydrophilic Sterile-Grade Steam-in-Place (SIP) Filter

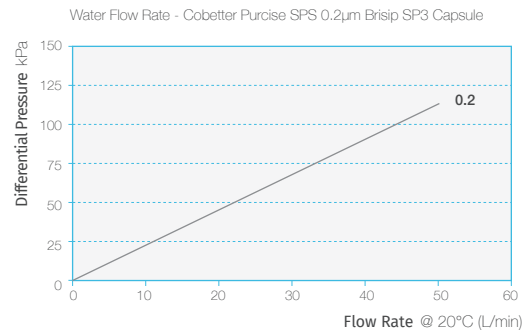


Features

- Efficient bacteria and particulate retention
- Extensive chemical compatibility (pH 1-14)
- Low extractables
- SIP

Applications

- Sterilize filtration of cell culture medium
- Buffer filtration
- Pre-column/ultra-filtration protection
- Filtration of intermediate products/stock solutions
- Filtration of blood products/serums
- Sterile filtration of terminal products
- Filtration of colloids/viscous liquids



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	Brisip® SP3
Membrane	Hydrophilic Polyethersulfone (PES)
Support	Polypropylene (PP)
Core/Cage/End Cap	Polypropylene (PP)
Capsule Shell	Polyetherimide (PEI)
Capsule Vent O-ring	Silicone
Removal Ratings	0.2 µm
Filtration Area	0.15 m ²

Sterilization Capability

- **Brisip® SP3** : Autoclave is optional (131°C, 30min, 10 times) ,
SIP (135°C, 60 min, 8 times)