



## SLF-CT002 PTFE

### Gas Filter Capsule

Swissfilter SLF-CT filters with 0,2  $\mu\text{m}$  sterilizing grade hydrophobic PTFE membranes are used for removal of particles and micro-organisms from gases. Made of polypropylene and high performance PTFE, SLF-CT is an ideal filter to satisfy the highest standards in a broad range of applications. It is especially designed for self-contained assemblies in pharmaceutical use.

### Features and Benefits

- 0,2  $\mu\text{m}$  rated inherently hydrophobic PTFE membrane
- Robust construction ensure integrity and reliability
- Low pressure drop
- Permanently hydrophobic PTFE for maximum security with wet and dry gas
- No binders and glues
- Suitable for all integrity test procedures

### Applications

- Sterile gas filtration
- Fermenter venting
- Autoclaves

**swissfilter**

Filter- und Desinfektionstechnik

Technisches Datenblatt

Material of Construction

Housing: Polypropylen  
 Media: PTFE  
 Vent and Drain Valve: EPDM

Nominal Filter Area

0,05 m<sup>2</sup> (0.5ft<sup>2</sup>)

Connection Type

Inlet/Outlet 38mm (1½'') Sanitary Flange  
 Vent 6mm Hose barb

Operating Characteristics

Maximum Differential Pressure (forward): 5,0 bar (25°C)  
 Max. back pressure: 3,0 bar (25°C)  
 Autoclaving : 134°C, 30min

Maximum Cumulative Autoclave Time

Up to 140°C 50 hours

*No in situ steam sterilization under pressure*

Integrity Testing

Bubble Point ≥ 1.100 mbar in 60/40 IPA (20°C)  
 WIT max. flow ≤ 560µL/10min

Biological Safety

Comply with the relevant requirements of EU 1935/2004 and EU directive 10/2011 EC  
 Non-fibre releasing according to 21CFR, 210.3  
 Meets USP Class VI-121°C Plastic  
 Non-Pyrogenic per USP Bacterial Endotoxins ( < 0,25 EU/mL)

Capsule Dimensions

