FILTER





SLF-CT002 PTFE

Gas Filter Capsule

Swissfilter SLF-CT filters with 0,2 μ 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 µm 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



Technisches Datenblatt

Material of Construction

Housing: Polypropylen

Media: PTFE Vent and Drain Valve: EPDM

Nominal Filter Area

0,05 m² (0.5ft²)

Connection Type

Inlet/Outlet 38mm (1½") Sanitary Flange

Vent 6mm Hose barb

Operating Characteristics

Maximum Differential 5,0 bar (25°C)

Pressure (forward):

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 $\leq 560 \mu L/10 min$

Biological Safety

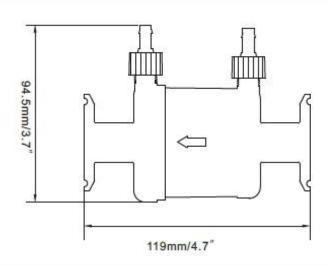
Comply with the relevant requirements of EU 1935/2004 and EU directive $10/2011\ EC$

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)

<u>Capsule Dimensions</u>



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