# FILTER





## SLF-CT 6,5 PTFE

Gas Filter Capsule

Swissfilter SLF-CT filters with 0,2  $\mu$ 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



#### FILTERTECHNIK

#### Technisches Datenblatt

#### Material of Construction

Housing: Polypropylen

Media: PTFE

## Nominal Filter Area

 $0,16 \text{ m}^2$ 

## Connection Type

Inlet/Outlet 38mm (1½") Sanitary Flange

Vent Inlet / outlet

## **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  $\geq 1.080$  mbar in 60/40 IPA (20°C)

#### **Biological Safety**

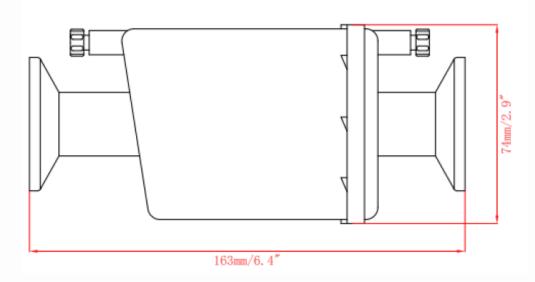
Comply with the relevant requirements of EU 1935/2004 and EU directive 10/2011 EC

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



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