

Optivent SLV Air vent cartridge

Masterfilter SLV-Optivent cartridges with 0,2 μ m hydrophobic PTFE are used for sterilizing removal of particles and micro-organisms from gases. Made of polypropylene and PTFE, Optivent is an ideal filter for any sterile vent application in a broad range of applications.

Features and Benefits

- 0,2 μ m rated
- Pleated surface provides excellent flow rate and long service life
- Permanently hydrophobic PTFE for maximum security with wet and dry gas
- PTFE offers compatibility with most chemicals
- Suitable for all integrity test procedures



Applications

- Sterile venting of transport containers
- Sterile tank venting
- Autoclaves
- Sterile gas filtration

Flow rates

Up to 28 m³/h (0,85 bar Δ p)
Opposite 25 m³/h (0,8 bar Δ p)

Pore size

0,2 μ m

Filtration area

0,05 m²

Cartridge size

Ø 70 mm
Height 33 mm

Materials of construction

- Membrane: PTFE
- Support layer: Polypropylene
- Inner core: Polypropylene
- Outer cage: Polypropylene
- End caps: Polypropylene
- O-Rings: Silicone

Operating Characteristics

Maximum Differential: 5,0 bar (20°C)
Pressure: 1,5 bar (85°C)
0,5 bar (134°C)

Max. back pressure : 3,0 bar (20°C)
1,5 bar (85°C)
0,5 bar (134°C)

Autoclaving: 134°C, 30min

Food and Biological Safety

Comply with the relevant requirements of EU 1935/2004 and EU directive 10/2011
Non-fibre releasing according to 21CFR, 210.2

Integrity Testing

Bubble Point \geq 1000 mbar in 60/40 IPA
(20°C)

Ordering Information

SLV 002-1-STV