

Optivent SLV-Q

Air Vent Cartridge



Masterfilter SLV-Q Optivent series cartridges with high voidage glass fiber media are used for sterilizing removal of particles and micro-organisms from gases. Optivent SLV-Q is an ideal filter for any sterile vent application in a broad

Features and Benefits

- 0,01 µm rated
- Low pressure drop
- High flow rate

Application

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



Pore size:	0,01 µm
Filtration area:	0,05 m ²
Cartridge Ø:	60 mm
Cartridge height:	29 mm

Materials of Construction

- **Filter material:** Borosilicate
- **Support layer:** Polypropylene
- **Inner Core:** Polypropylene
- **Outer cage:** Polypropylene
- **End caps:** Polypropylene
- **O-Rings:** Silicone

Materials of Construction

- Maximum Differential Pressure:** 4,0 bar (20°C)
- Max. back pressure:** 3,0 bar (20°C)
- Sterilizing:** Autoclave 134°C for 15 min
- Outer cage:** Polypropylene
- End caps:** Polypropylene
- O-Rings:** Silicone

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

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Flow Rate for air at different differential pressures (ΔP) against 0 bar

ΔP (mbar)	100	200	300	400
m3/h	15.7	25.5	33.2	39.5

Flow Rate in opposite direction

ΔP (mbar)	100	200	300	400
m3/h	13.8	23.5		

Part Numbers

SLV-Q001-1-CTV-S