



### Filtervent SLV

Air vent cartridge

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

#### Features and Benefits

- 0,2 µm 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 container
- Sterile tank venting
- Sterile gas filtration
- Autoclaves

#### Cartridge size

- Ø 60mm
- Height 32mm

**swissfilter**

Filter- und Desinfektionstechnik

## Technisches Datenblatt

### Materials of Construction

|                 |               |
|-----------------|---------------|
| Membrane:       | PTFE          |
| Support layer:  | Polypropylene |
| Inner core:     | Polypropylene |
| Outer cage:     | Polypropylene |
| End caps:       | Polypropylene |
| O-Rings:        | Silicone      |
| End cap insert: | AISI 304      |

### Operating Characteristics

|                                 |                 |
|---------------------------------|-----------------|
| Maximum Differential Pressure : | 5,0 bar (20°C)  |
|                                 | 1,5 bar (121°C) |
|                                 | 0,5 bar (134°C) |
| Max. back pressure:             | 3,0 bar (25°C)  |
|                                 | 1,5 bar (121°C) |
|                                 | 0,5 bar (134°C) |
| Autoclaving :                   | 134°C, 30min    |

### Flow rates

|          |                                    |
|----------|------------------------------------|
| Up to    | 28 m <sup>3</sup> /h (0,85 bar Δp) |
| Opposite | 25 m <sup>3</sup> /h (0,8 bar Δp)  |

|                  |                        |
|------------------|------------------------|
| <b>Pore Size</b> | <b>Filtration area</b> |
| 0,2μm            | 0,05 m <sup>2</sup>    |

### Integrity Testing

|                       |   |
|-----------------------|---|
| Bubble Point          | ≥ 1.080 mbar in 60/40 IPA/H <sub>2</sub> O (20°C) |
| WIT (water intrusion) | ≤ 118μL/2min @2500mbar                            |

### Biological Safety

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