

## SLF-G Series Glass micro fibre cartridges

Masterfilter SLF-G filter cartridges manufactured with high voidage glass fiber media are designed for filtration of air and gas. Due to the high removal efficiency, SLF-G cartridges offer high process security, with high volume gas streams and can withstand high differential pressures at low pressure drop and stringent in-line steam sterilizations.

### Features and Benefits

- 0,01 µm, 0,3µm 0,5µm rated
- High dirt holding capacity
- Steam sterilisable
- For tank venting
- Low pressure drop
- High surface area



### Applications

- CO<sub>2</sub> filtration
- Venting
- Sterile air supply
- Beer filling
- Wort aeration
- Pre filter for membrane filters

### Materials of construction

- Filter medium: Glass microfiber
- Support layer: Polypropylene
- Inner core: Polypropylene
- Outer cage: Polypropylene
- End caps: Polypropylene
- End cap insert: Stainless 304
- O-Rings: EPDM/Silicone

### Operating Characteristics

- Maximum Differential: 4bar (20°C)
- Pressure: 2,4bar (70°C)
- Max. Operating Temp. : 90°C
- In situ steam Sterilization : 121°C 20min
- Autoclaving : 134°C 30min

SLF-G Series filter cartridges comprise of materials that meet regulatory and legislative requirements and guidelines for food contact in that:

Europe

The SLF-G Series filter cartridges meet the requirements for food contact as detailed in European

Regulation EU 1935/2004 in that:

Our suppliers state that the polymeric materials used to produce SLF-G Series filter cartridges are made from monomers and additives listed in EU Directive 10/2011, relating to plastic materials and articles intended to come into contact with foodstuffs (excluding seals).

## Ordering Information

**SLF-G**  -  -  -

Code	Removal rating micron	Code	Length		Code	End caps	Code	O-Rings
			mm	inch				
<b>001</b>	0,01µm	<b>1,5</b>	34	1,5	<b>STC</b>	Sartorius code 28	<b>S</b>	Silicone
<b>030</b>	0,30µm	<b>2,5</b>	65	2,5	<b>HTC</b>	222 O-ring/flat (Code 3)	<b>E</b>	EPDM
<b>050</b>	0,50µm	<b>05</b>	133	5	<b>HTF</b>	222 O-ring/fin (Code 8)	<b>V</b>	Viton
		<b>10</b>	254	10	<b>HSF</b>	226 O-ring/fin (Code 7)		
		<b>20</b>	508	20	<b>HSC</b>	226 O-ring/flat top		
		<b>30</b>	762	30	<b>HST</b>	P-MCY I/S-15		
					<b>STZ</b>	dh Z		
					<b>CP2</b>	R-2"		
					<b>CP1</b>	R-1"		
					<b>HSH</b>	H code		
					<b>HSU</b>	MCY 1001		
					<b>HSM</b>	1110 / Millipore		