

SLF-T Series PTFE cartridges

For sterile air and gas

MIF
Masterfilter

Masterfilter SLF-T series filter cartridges manufactured with permanently hydrophobic **PTFE membranes** are designed for sterile filtration of air and gas. Due to their permanent hydrophobicity, SLF-T cartridges offer high process security, with high volume gas streams and can withstand high differential pressures and stringent in-line steam sterilizations.

Application

- Gas filtration
- Venting
- Sterile air supply
- Pharmaceutical
- Fermentation
- Food

Features and Benefits

- 0,2 µm rated (0,01 µm for gases)
- 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 procedure Incl. WIT

Food and Biological Safety

- Comply with the relevant requirements of EU 1935/2004 and EU directive 10/2011
- Comply with USP Plastics Class VI - 121 °C and ISO10993 equivalents



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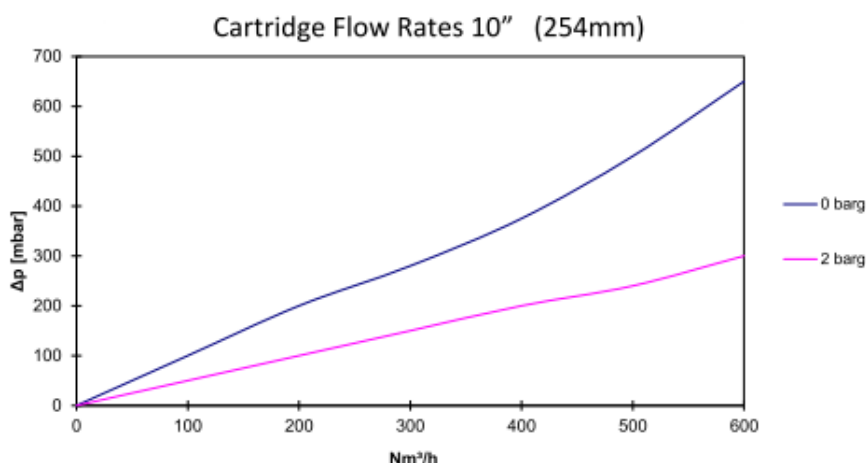


Materials of Construction

- **Filter media:** Hydrophobic PTFE
- **Support Layers:** Polypropylene
- **Inner Core:** Polypropylene
- **Outer Cage:** Polypropylene
- **End Caps:** Polypropylene
- **End cap insert:** PBT
- **O-Rings:** EPDM/Silicone

Operating Parameters

- **Max differential pressure:** 5bar (20°C)
3bar (85°C)
- **Max differential pressure reverse:** 2bar (20°C)
- **In situ steam Sterilization:** 121°C/30min
up to 150 cycles
- **Autoclaving:** 134°C, 30min
- **Max Steam temp:** 142°C
- **Max. continuous air inlet temp.:** 60°C



Part Numbers



Code	Removal rating micron
002	0,2

Code	length	
	mm	inch
2,5	70	2,5
05	133	5
10	254	10
20	508	20
30	762	30

Code	end caps
STC	Sartorius code 28
HTC	222 O-Ring/flat (Code 3)
HTF	222 O-Ring/fin (Code 8)
HSF	226 O-Ring/fin (Code 7)
HSC	226 O-Ring/flat(Code 2)
HST	P-MCY4463 Sart-15
SLV	P-MCY 111/222/444
STZ	Dh Z
STT	116 O-RING
CP2	R-2"
HSH	H code
HSU	MCY 1001
SLK	Sealkleen connection
HSM	Millipore hold down tabs

Code	O-Rings
S	Silicone
E	EPDM
V	Viton
P	PTFE encapsulated silicone