

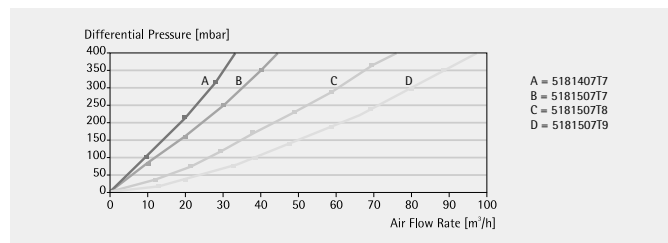
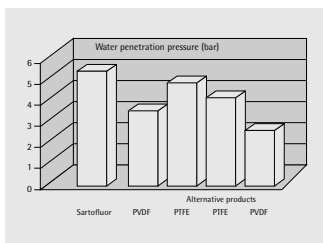
Sartofluor® Mini Cartridges for Highest Safety for Sterile Venting and Compressed Air | Gas Filtration



Sartofluor mini cartridges are designed particularly for cases of sterile venting when the cGMP directives have to be adhered to.

The sealing system, an inner O-ring plus bayonet twist lock, guarantees safe attachment in mini cartridge housings and a firm hold for back pressure pushes.

The inserted, specially developed PTFE membranes are extremely water-repellent, which is shown impressively by the very high water penetration pressure. The diagram shows values for various 0.2 µm filter materials. Due to the optimal hydrophobicity, steam sterilized Sartofluor mini cartridges re-reach their maximal flow rates in shortest time.



Air flow rates at atmospheric pressure Sartofluor® mini 0.2 µm, type 5181507T7, T8, T9, 5181407T7

Specifications for Sartofluor mini cartridges

Connector	Inner silicone O-ring (replacement part no. 6985150) and bayonet lock.
Biosafety	Pass USP Plastic Class VI Test.
Bubble point	Minimum value, wetted with 60% isopropanol, 1.5 bar (150 kPa, 21.75 psi) for 0.1 µm, 1.0 bar (100 kPa, 14.5 psi) for 0.2 µm, 0.6 bar (60 kPa, 8.7 psi) for 0.45 µm pore size
Chemical compatibility	As for polypropylene, PTFE and silicone (silicone O-ring can be replaced by an EPDM O-ring, order no. 6985149, or a Viton O-ring, order no. 6985151).
Flow rate	For air for 0.2 µm
Mini cartridges	See diagram
Filtration area	0.05 m ² , 0.1 m ² or 0.2 m ²
Materials	PTFE membrane filter. Polypropylene housing protective fleece and drainage fleece. Silicone O-ring.
Max. differential pressure	5 bar (500 kPa, 72.5 psi) at 20°C, 2 bar (200 kPa, 29 psi) at 80°C
Sterilization	Fitted in a mini cartridge housing, autoclaving or in-line steaming (121°C or 134°C). In-line steaming, max. Δp = 0.5 bar (7.25 psi)
Water penetration pressure	Approx. 4.5 bar (450 kPa, 65.2 psi) for 0.2 µm pore size.

Order numbers see next page.



Order numbers for Sartofluor mini cartridges

With 0.1 µm filter

5181558T7 B	0.05 m ² filter area, pack of 5
5181558T8 B	0.1 m ² filter area, pack of 5
5181558T9 B	0.2 m ² filter area, pack of 5

With 0.2 µm filter

5181507T7 B	0.05 m ² filter area, pack of 5
5181507T8 B	0.1 m ² filter area, pack of 5
5181507T9 B	0.2 m ² filter area, pack of 5

Sartofluor Junior

5181407T7 B	0.05 m ² filter area, pack of 5
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With 0.45 µm filter

5181506T9 B	0.2 m ² filter area, pack of 5
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Sartofluor capsules see page 81.

Special brochure available on request. Order no. SPK1502-e