

## Sartorius Complete Filter System made of borosilicate glass

SARTORIUS

- **Completely made of glass**
- **To be used for particle removal from solvents for analytical determinations**
- **Ideal device for ultra-cleaning and degassing of solvents and solvent mixtures for HPLC, GC and AA**

### Supplied complete with :

- bottle made of borosilicate glass, 1 l ;
- base and funnel made of borosilicate glass ;
- filter holder: sintered glass, including 1 PTFE ring and 1 O-ring gasket made of Viton (45 x 3 mm);
- 1 anodised aluminium clamp.

Membrane	Diameter from 50 / 47 mm
Filtration area	12.5 cm <sup>2</sup>
ø outer lateral end	6 to 9 mm
Max. pressure :	Empty only
Chemical compatibility	see that of glass and PTFE
Vol. funnel / Bottle Vol.	250 ml / 1 litre
Sterilization	autoclaving (121 or 134°C) dry heat (max. 180°C)
<b>Cat. No.</b>	<b>147031</b>
<b>€</b>	<b>NC -</b>

### Additional spare parts

Cat. No.	Description	€
<b>6980119</b>	250 ml borosilicate glass funnel	NC -
<b>150453</b>	Sintered glass filter holder	NC -
<b>150454</b>	PP connector with viton seal	NC -
<b>150456</b>	Borosilicate glass base	NC -
<b>150457</b>	1 l borosilicate glass flask	NC -



## Sartorius Borosilicate Glass Filter Holders

- **Vacuum filtration media for hybridization testing, particle testing and clarification**
- **Available for two filter diameters: 24-25 mm or 47-50 mm**
- **Vacuum use only**
- **Sterilisable by autoclave (max. 134°C) or dry heat (max. 180°C)**

### Filter system contains :

- borosilicate glass funnel ;
- borosilicate glass base ;
- anodized aluminium clamp
- silicone lid (for 50 mm filters only)
- sintered glass or Teflon coated stainless steel filter holder



### ➤ Sintered glass filter system

- **Ensures uniform particle distribution and better recovery of residues from the filter surface**
- **Contains : 1 sintered glass, 1 PTFE ring and 1 silicone O-ring gasket**

### ➤ Stainless steel/PTFE filter holder

- **Due to its easy cleaning, it is best suited for filtrate recovery or radiochemical tasks**
- **Contains : 1 PTFE-faced filter holder screen, 1 PTFE-faced drainage sub-screen, 1 PTFE ring and 1 silicone O-ring gasket**



For filter ø (mm)	Funnel capacity (ml)	Ø outlet spout (mm)	Filter area (cm <sup>2</sup> )	Filter holder	Cat. No.	€
24-25	30	12	3	Sintered glass	<b>036893</b>	NC -
				Stainless steel / PTFE	<b>150435</b>	NC -
47-50	250	15	12.5	Sintered glass	<b>147000</b>	NC -
				Stainless steel / PTFE	<b>150443</b>	NC -

### Additional spare parts

For holders with diameter	24-25 mm	€	47-50 mm	€
Funnel	<b>150437</b>	NC -	<b>6980119</b>	NC -
Base	<b>150438</b>	NC -	<b>146634</b>	NC -
Sintered glass filter holder	<b>150441</b>	NC -	<b>150451</b>	NC -
Stainless steel/PTFE filter holder	<b>150442</b>	NC -	<b>150452</b>	NC -
Clamp	<b>150436</b>	NC -	<b>150449</b>	NC -

### Filter holders for use with a bottle + perforated cap

Cat. No.	Description	€
<b>150193</b>	2 l vacuum flask in borosilicate glass	NC -
<b>150470</b>	Silicone stopper, perforation ø 11-12 mm, for filter holders 24-25 mm	NC -
<b>150471</b>	Silicone stopper, perforation ø 14-15 mm, for filter holders 47-50 mm	NC -

### Or on a Combisart® filtration manifold (with an adapter)

Cat. No.	Description	€
<b>036894</b>	Adapter for filter holders ø 24-25 mm to Combisart® Manifold	NC -
<b>150469</b>	Adapter for filter holders ø 47-50 mm to Combisart® Manifold	NC -

The filter holders are to be completed with a vacuum flask + perforated stopper or to be used on a Combisart® Manifold (with adapter).

