

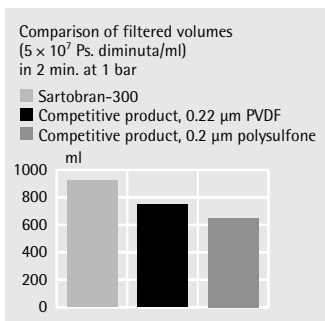
Sartobran® 150 and Sartobran® 300 Capsules; Optimum Convenience for up to 50 Liters; Cost-Saving Scale-up to Larger Volumes



Sartobran 300



Sartobran 150 (type SS)



Newly developed, ready-to-use pressure filtration units offering maximum convenience for the sterile filtration of 0.1 to 50 liters of buffers, infusion solutions, tissue culture solutions, sera and other solutions containing proteins. No more problems with air bubbles in the liquid. A hydrophobic PTFE membrane validated for sterile air filtration allows an effective air bubble collection at the highest point upstream.

At the beginning of the filtration the threaded closure can be opened, so that air bubbles can vent away and full use of the complete filter area is guaranteed.

During this venting, the PTFE membrane prevents liquid from emerging, so protecting the filtrate from non-sterile drops, and the environment and user from possible contamination. For the subsequent integrity test, the outlet spout has to be closed with the closure.

Sartobran 150 and Sartobran 300 filter capsules contain the same heterogeneous surfactant-free cellulose acetate double membrane with low adsorption as used in larger Sartobran capsules and Sartobran cartridges. They demonstrate the same superior high flow rates and large throughputs per filtration area. Furthermore, a scale-up to the larger is only a matter of simple multiplications, allowing you to reduce validation costs.

Specifications for Sartobran 150 and Sartobran 300 capsules

Connectors	Sartobran 300: hose nipple inlet and outlet (6–12 mm) Sartobran 150: stepped hose nipple inlet and outlet (6–12 mm) or 1/2" triclamp
Biosafety	Pass the USP Plastics-Class VI-Test
Bubble point	With water, minimum value 3.2 bar (320 kPa, 46 psi)
Chemical compatibility	For aqueous solutions of pH 4–8 as well as most alcohols and hydrocarbons.
Filtration area	150 cm ² and 300 cm ²
Materials	Cellulose acetate membrane filter (0.45 μ m or 0.2 μ m pore size). PTFE air filter (0.2 μ m). Polypropylene housing and filter support. Polycarbonate filling bell.
Max. differential pressure	4 bar (400 kPa, 58 psi) at 20°C, 2 bar (200 kPa, 29 psi) at 80°C
Sterilization	Supplied steam sterilized. Can be re-sterilized by autoclaving at 121°C.
Cytotoxicity	Non-toxic as confirmed with L-929 fibroblast cells of mice and with MRC-5 lung cells of human, embryonic origin.

Order numbers for Sartobran 150 capsules

Sterile, individually packed

5231307H4-00-B	Hose nipple inlet and outlet, pack of 5
5231307H4-SS-B	1/2" triclamp inlet and outlet, pack of 5
5231307H4-S0-B	1/2" triclamp inlet, hose nipple outlet, pack of 5

Order numbers for Sartobran 300 capsules

Sterile, individually packed

5231307H5-00-V	Hose nipple inlet and outlet, pack of 2
5231307H5-00-B	Hose nipple inlet and outlet, pack of 5

Recommended accessories are described on page 72.
Special data sheet available. Order no. SPK2027-e