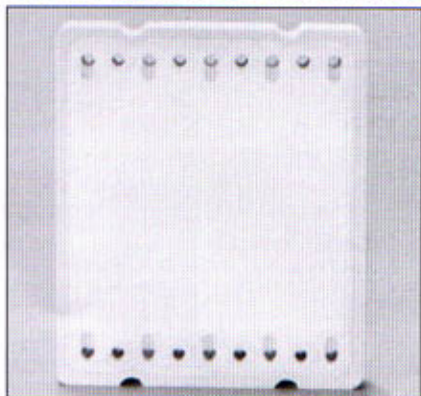


PESU-Max Sartocoon Cassette

Sartocoon Cassette 302146AL07K--SG



Validation

All materials have passed the USP 23 Class VI Plastics Test. The filtrate meets or exceeds USP and EP requirements for Sterile Water for Injection with respect to total solids, oxidizable substances, particulate matter, ammonia, chloride, nitrate, sulfate and heavy metals. It complies with cGMP requirements for non-fiber-releasing filters and is filed under the Drug Master File Number DMF 5967 by the Food and Drug Administration, Washington, DC. Information on validation is available upon request.

Application

The PESU-Max cassette, order no. 302146AL07K--SG is designed for use in the blood market.

Quality Control

Each filter cassette is individually serialized, integrity tested and certified.

If you have holding devices from other suppliers, please contact our Applications Department. Changes in the torque might be needed due to the specific variance in design.

For further assistance, contact your local Sartorius field engineer or our Goettingen-based Applications Department.

Features	Benefits
Low adsorption	Minimal loss of proteins
Low protein binding	High product yield
Wide pH and temperature range	A wide variety of chemicals can be used for the removal of foulants
High flow rates	Faster, more economical filtration runs



Sartorius AG, Separation Technology

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Technical Specifications

Membrane material	Polysulfone
Cutoff	Albumin rejection >99.99 %
Filter area	0.7 m ²
Inlet pressure P _{in}	4 bar (58 psi) maximum
Operating temperature	50°C maximum
pH stability	1–14
Air diffusion rates at P _{in} = 2 bar	50 ml air/min
Recommended torque	80 Nm (700 lbf.in.) max. for a Sartorius holding device with 2 screws
Cleaning	P3 Ultrasil 53T ^M , 1.5%, 50°C, 60 min., pH 8 P3 Ultrasil 11 (1%), 50°C, 30 min, pH 13 Sodium hydroxide, 1M, 40°C, 60 min
Disinfection	NaOH, 1 M, 40–50°C, 30 min
Storage	NaOH, 0.1 M

An Example of Flux Rates for Water

(P_{in} = 2.0 bar, P_{out} = 0.5 bar)

Permeate

approx. 350 l/hm²

Materials of Construction

Membrane	Polysulfone
Gaskets	PVDF
Spacer	Polypropylene
Sealing compound	Silicone

