



Sartolab[®] 150v 0.2 μm
Disposable PES vacuum
filtration unit



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Description

Sartolab 150v is a disposable, sterile, ready-to-use membrane filter capsule for highest convenience. Sartolab 150v capsules are made of a unique hydrophilic Polyethersulfone (PES) membrane providing outstanding total throughput, flow rate performance, low extractables and broadest chemical compatibility.

Applications

Typical applications include sterilizing grade filtration of:

- Biological Fluids
- Purified water
- Media
- Buffers

Compatibility

The PES membrane is compatible with a pH range from pH 1 to pH 14 making Sartolab 150v ideal for filtration of solutions with high/low pH.

Microbiological Retention

Sartolab 150v capsules 0.2 µm rated are fully validated as sterilizing grade filters according to HIMA and ATM F-838-83 guidelines.

Quality Control

Each individual element is tested for integrity by B.-P. and Diffusion-Test before final assembly. Sartolab 150v capsules are designed, developed and manufactured in accordance with a ISO 9001:2000 certified Quality Management System.

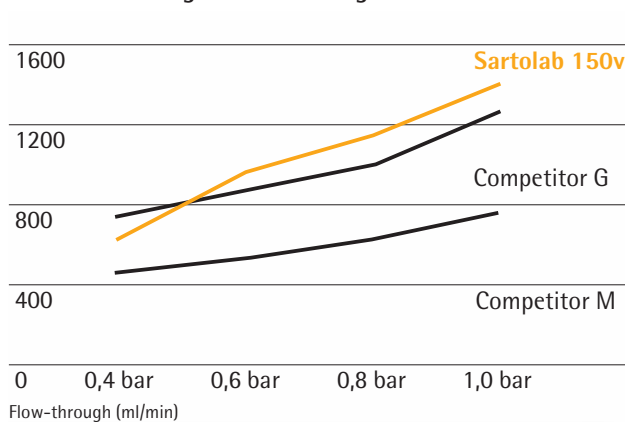
Performance

The unique pleated filter construction combined with the highly asymmetric pore structure of the PES membrane, offers excellent flow rates and superior total throughput performance, especially in comparison to conventional disc filter systems.

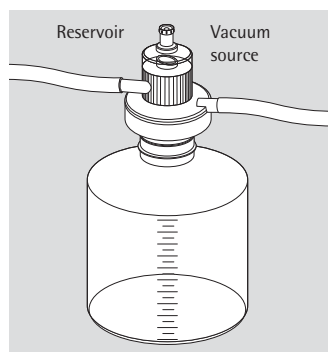
Materials and Data

Filter	Polyethersulfone (PES)
Support fleece	PP-fleece
Housing	Polypropylene
Vent	PTFE
Pore size	0.2 µm
Filtration area	150 cm ²
Flow rate	1.5 L/min
Total throughput	15 L
Order no.	18080-M (3pcs./cs)
(U.S. Patent No. 6,623,631,B1; DE-C1 199 05)	

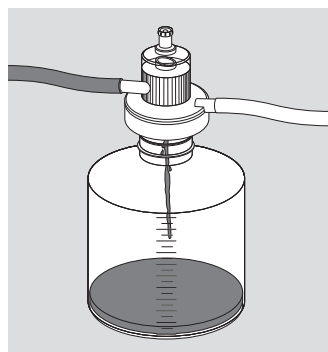
Performance: Higher flow-through and low extractables



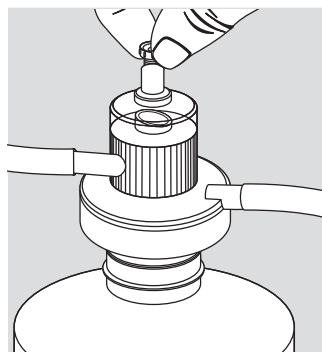
Easy to use



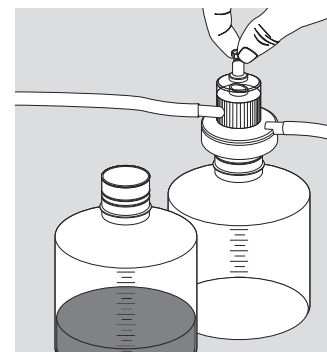
Place Sartolab 150v on the bottle neck. A vacuum is automatically created when used with a water jet pump or other vacuum source.



Create a vacuum to start filtration.



To fill multiple receiving bottles, break the vacuum with the valve on top of the Sartolab 150v housing.



To continue filtration with the next receiving bottle, close the valve.

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