



## Vinosart® PS

Cost efficiency at its best



### Technical Specifications

Filter Medium	Single-layer asymmetrical polyether sulfone membrane
Protective non-woven drainage layers	Polypropylene
Core   outer support   end caps   adapters	Polypropylene
O-Rings	Silicone
Available Sizes   Filtration Area	<ul style="list-style-type: none"> <li>- Size 1 10" (250 mm) 0.78 m<sup>2</sup>   8.4 ft<sup>2</sup></li> <li>- Size 2 20" (500 mm) 1.56 m<sup>2</sup>   16.8 ft<sup>2</sup></li> <li>- Size 3 30" (750 mm) 2.34 m<sup>2</sup>   25.2 ft<sup>2</sup></li> <li>- Size 4 40" (1,000 mm) 3.12 m<sup>2</sup>   33.6 ft<sup>2</sup></li> </ul>
Pore sizes	0.45 µm and 0.65 µm
Maximum differential pressure	5 bar   72.5 psi at 20°C
Direction of filtration	2 bar   29 psi at 80°C
Opposite direction of filtration	2 bar   29 psi at 20°C
Recommend flow rate	Approx. 600–1000 l/h (30")

Pore size	0.45 µm	0.65 µm
Test pressure	1.5	1.0
Max. diffusion (10" element)	15 ml/min	13 ml/min
Test time	10 min	10 min

For more details please see the directions for use.

**Available Adapters**  
25, 27, 28

### Product profile

Vinosart® PS 0.45 µm | 0.65 µm are pleated membrane filter cartridges with a single layer asymmetrical polyether sulfone membrane inside. Vinosart® PS has been especially designed for the filtration of wine and sparkling wine. Vinosart® PS offers a very high flow rate and total throughput combined with an excellent chemical regeneration capability.

### Application

Vinosart® PS is used for the final filtration prior bottling of wine and sparkling wine.

### Flow rate | Total throughput

The polyether sulfone membrane has a special asymmetrical pore structure that ideally matches the requirements for the wine and champagne filtration in terms of flow rate and total throughput.

### Microbiological retention

Both filters guarantee absolut retention of wine spoiling yeasts and provide highest microbiological safety for the bottling process of wine and champagne.

### Chemical compatability

Vinosart® PS filter cartridges are extremely resistant to all conventional chemical regenerating agents and processes, right across the entire pH spectrum from 1 to 14.

### Integrity testable

The integrity of Vinosart® PS filter cartridges can be tested daily using the Sartocheck® Mini. Integrity test parameters see technical data.

### Quality

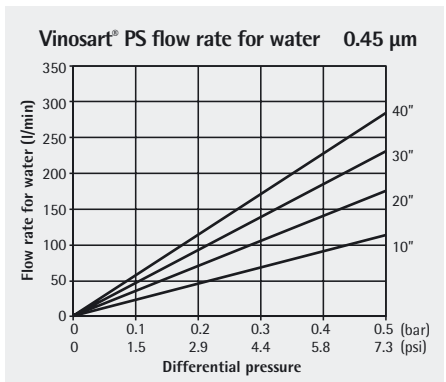
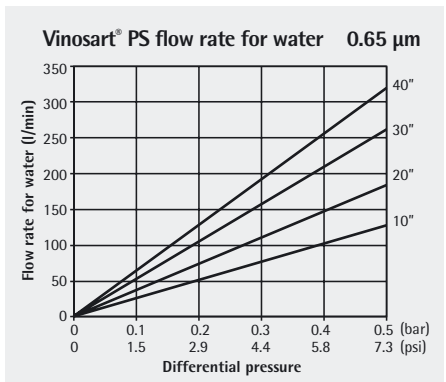
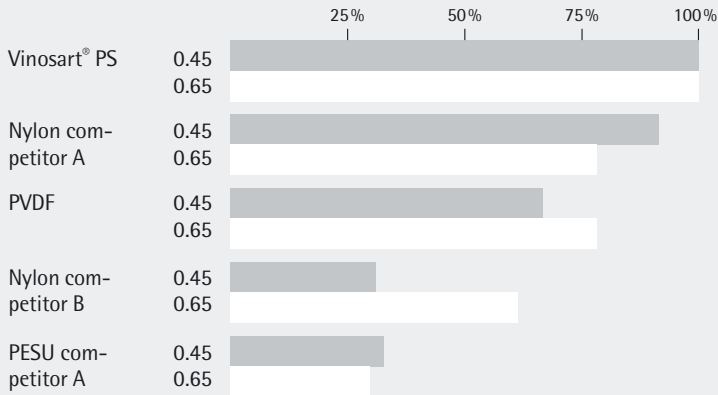
Every filter element of Vinosart® PS is integrity tested during production to guarantee highest level of security.

### По вопросам продаж и поддержки обращайтесь:

Астана+7(7172)727-132, Волгоград(844)278-03-48, Воронеж(473)204-51-73, Екатеринбург(343)384-55-89,  
Казань(843)206-01-48, Краснодар(861)203-40-90, Красноярск(391)204-63-61, Москва(495)268-04-70,  
Нижний Новгород(831)429-08-12, Новосибирск(383)227-86-73, Ростов-на-Дону(863)308-18-15, Самара(846)206-03-16,  
Санкт-Петербург(812)309-46-40, Саратов(845)249-38-78, Уфа(347)229-48-12

[sst@nt-rt.ru](mailto:sst@nt-rt.ru) || [sartorius.nt-rt.ru](http://sartorius.nt-rt.ru)

**Service life comparison of 0.45 µm | 0.65 µm membrane filters**  
(Standard media)



**Order Codes**

Catridges	Pore Size [µm]	Pack Size [Pieces]
542**05A1	0.65	1
542**05A2	0.65	1
542**05A3	0.65	1
542**05A4	0.65	1
542**06A1	0.45	1
542**06A2	0.45	1
542**06A3	0.45	1
542**06A4	0.45	1

\*\* : Adaper Type

**По вопросам продаж и поддержки обращайтесь:**  
 Астана+7(7172)727-132, Волгоград(844)278-03-48, Воронеж(473)204-51-73, Екатеринбург(343)384-55-89,  
 Казань(843)206-01-48, Краснодар(861)203-40-90, Красноярск(391)204-63-61, Москва(495)268-04-70,  
 Нижний Новгород(831)429-08-12, Новосибирск(383)227-86-73, Ростов-на-Дону(863)308-18-15, Самара(846)206-03-16,  
 Санкт-Петербург(812)309-46-40, Саратов(845)249-38-78, Уфа(347)229-48-12  
[sst@nt-rt.ru](mailto:sst@nt-rt.ru) || [sartorius.nt-rt.ru](http://sartorius.nt-rt.ru)