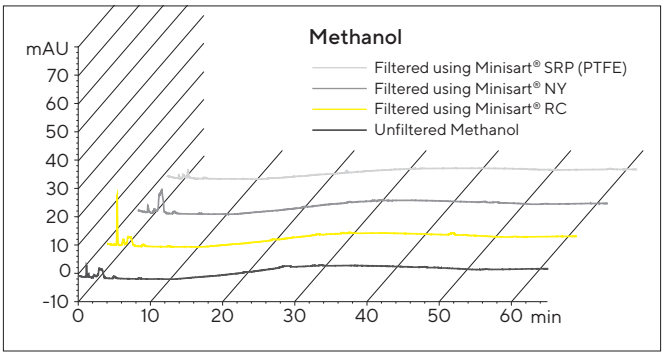
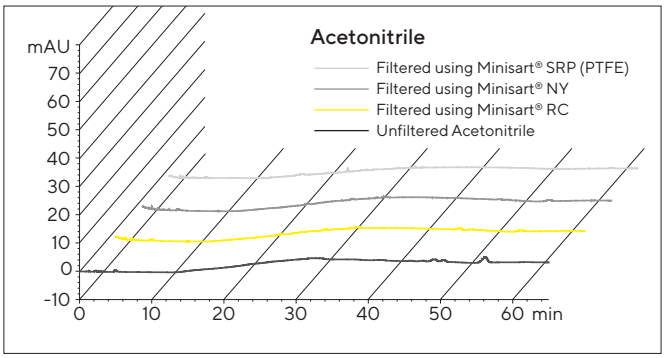
Minisart® Syringe Filters for HPLC Sample Preparation

Sartorius Minisart® with a Polypropylene (PP) Housing are Available in a Choice of Membranes: Hydrophilic Regenerated Cellulose (RC), Nylon (PA) or Hydrophobic PTFE

The purpose of using syringe filters for sample preparation prior to analysis is to protect analytical equipment and columns. Sartorius Minisart® PP filters reliably remove particles from your samples without adding unwanted extractables or leachables.





HPLC Procedure
Column C18: 250 × 4.6 mm, Flow Rate: 1 ml/min, Wavelength: 210 nm HPLC Injection Volume: 20 µl, Analysis Time: 65 min, Temperature: 40°C, Mobile Phases: A) Acetonitrile | B) Water, Gradient: Hold 60% A for 10 min | 60% to 95% A in 20 min | 95% to 100% A in 35 min



HPLC certified

Reliable and Ultrapure

Clean & Green

Our regenerated cellulose (RC) membrane used in Minisart® RC, our nylon (polyamide) membrane incorporated in Minisart® NY and our coating-free hydrophobic PTFE membrane used in Minisart® SRP are exceptionally pure compared with other common filter membranes.

Ordering Information

Ø mm	Pore Size	Sterile*	Qty/Pk	Order No.
Minisart® RC (Regenerated Cellulose + PP)				
25 mm	0.2 µm	Yes	50	17764--------ACK
25 mm	0.2 µm	No	50	17764----------K
25 mm	0.2 µm	No	200	17764----------S
25 mm	0.2 µm	No	500	17764----------Q
25 mm	0.45 µm	No	50	17765----------K
25 mm	0.45 µm	No	200	17765----------S
25 mm	0.45 µm	No	500	17765----------Q
15 mm	0.2 µm	Yes	50	17761--------ACK
15 mm	0.2 µm	No	50	17761----------K
15 mm	0.2 µm	No	500	17761----------Q
15 mm	0.45 µm	No	50	17762----------K
15 mm	0.45 µm	No	500	17762----------Q
4 mm	0.2 µm	No	50	17821----------K
4 mm	0.2 µm	No	500	17821----------Q
4 mm	0.45 µm	No	50	17822----------K
4 mm	0.45 µm	No	500	17822----------Q
Minisart® NY (Nylon | Polyamide + PP)				
25 mm	0.2 µm	Yes	50	17845--------ACK
25 mm	0.2 µm	No	500	17845----------Q
25 mm	0.45 µm	Yes	50	17846--------ACK
25 mm	0.45 µm	No	500	17846----------Q
15 mm	0.2 µm	No	50	1776B----------K
15 mm	0.2 µm	No	500	1776B----------Q
15 mm	0.45 µm	No	50	1776C----------K
15 mm	0.45 µm	No	500	1776C----------Q
25 mm	GF[1] prefilter | 0.2 µm	No	50	1784B----------K
25 mm	GF[1] prefilter | 0.2 µm	No	500	1784B----------Q
25 mm	GF[1] prefilter | 0.45 µm	No	50	1784C----------K
25 mm	GF[1] prefilter | 0.45 µm	No	500	1784C----------Q
Minisart® SRP (PTFE + PP)				
25 mm	0.2 µm	Yes	50	S7575------FXOSK
25 mm	0.2 µm	No	50	17575----------K
25 mm	0.2 µm	No	200	17575----------S
25 mm	0.2 µm	No	500	17575----------Q
25 mm	0.45 µm	No	50	17576----------K
25 mm	0.45 µm	No	200	17576----------S
25 mm	0.45 µm	No	500	17576----------Q
15 mm	0.2 µm	No	50	17558----------K
15 mm	0.2 µm	No	500	17558----------Q
15 mm	0.2 µm	Yes	50	17573--------ACK
15 mm	0.2 µm	No	50	17573----------K
15 mm	0.2 µm	No	500	17573----------Q
15 mm	0.45 µm	No	50	17559----------K
15 mm	0.45 µm	No	500	17559----------Q
15 mm	0.45 µm	No	50	17574----------K
15 mm	0.45 µm	No	500	17574----------Q
4 mm	0.2	No	500	17844----------Q
4 mm	0.45 µm	No	50	17820----------K
4 mm	0.45 µm	No	500	17820----------Q

* Sterile Minisart® are individually packaged and have been sterilized by ethylene oxide (EO). Not presterilized Minisart® can be sterilized by autoclaving at 121 °C for 30 min | or by using EO. Non-sterile RC Minisart® types are optimized for sample preparation and are not suitable for sterile filtration according to the bacteria challenge test.

[1] GF prefilter: Ultrapure glass fiber with 0.7 µm particle retention on top of the nylon membrane.

Would You Like to Use Other Membranes?

- Minisart® High Flow with polyethersulfone (PES) is optimal for filtration of additives and cell culture buffers. Due to the asymmetric membrane structure, the PES surface almost behaves like a pre-filter an enables high flow rates
- Minisart® NML (SFCA – Surfactant-free Cellulose Acetate) for sterile filtration and clarification of aqueous solutions

Sartorius offers a full range of syringe filters dedicated for various filtration applications.

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