

Minisart 0.2µm Syringe Filters

Disposable syringe filters for **rapid small volume sterilisation** with maximum user comfort. Ready-to-use units which offer high flow rates at low inlet pressures and correspondingly quicker, less hand-tiring sterilisation of up to 100ml liquid volumes. Fits on a standard syringe. A Minisart fitted on a Dosing Syringe makes very convenient system for simultaneous dosing and sterilisation. The combination of large area and optimised geometry of the filter support which are responsible for the high flow rates, also ensures high total throughputs.



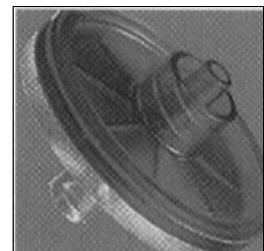
Minisart-plus units are of advantage for the sterilisation of difficult to filter liquids. They include a fine glass fibre prefilter on the membrane filter, a combination which is so effective that throughputs can often be doubled. Minisarts and their packaging are environmentally friendly, free of PVC.

Specifications for 0.2 µm Minisarts and Minisart-plus

<i>Adsorption</i>	Values determined for the cellulose acetate membrane, 0.8-3 µg per cm ² with BSA, 8-12 µg per cm ² with g-globulin. Adsorption of Minisart-plus units varies due to prefilter
<i>Bubble point</i>	Minimum value, water wetted, 3.2 bar (320 kPa)
<i>Colour coding</i>	Blue
<i>Connectors</i>	Female Luer Lock inlet and male Luer Lock outlet. Alternatively, for standard Minisarts only, male Luer outlet
<i>Cytotoxicity</i>	No inhibition with MRC-5 or L-929 cells
<i>Endotoxins</i>	Endotoxin release is below 0.06 EU/ml (detection limit of test)
<i>Filter diameter</i>	26 mm
<i>Filtration area</i>	5.3 cm ²
<i>Flow rates</i>	Typical value for water at Δp = 1 bar (100 kPa), 60ml/ min Hold-up volume 0.1 ml for standard Minisarts, 23ml for Minisart-plus
<i>Limits for use</i>	Max. recommended operating pressure, 4.5 bar (450 kPa). Housing resists bursting up to at least 6 bar (600 kPa). Max. temperature, 50°C
<i>Materials</i>	Cellulose acetate membrane filter. Glass fibre prefilter (Minisart-plus only). Cyrolite (CY/RO Industries trade marked MBS-copolymer) housing

0.2 µm Minisarts Order Numbers

- a) **Sterile**, individually packed:
F286/L with Luer lock outlet (pack of 50)
F286/ML with male Luer outlet (pack of 50)
- b) **non sterile**, bulk packed
F287/L with Luer lock outlet (pack of 500)
F287/ML with male Luer outlet (pack of 500)



0.2 µm Minisart-Plus

- a) **Sterile**, individually packed
F286/L/PLUS with Luer lock outlet (pack of 50)
- b) **non sterile**, bulk packed
F287/L/PLUS with Luer lock outlet (pack of 500)

