

FILTROS DE JERINGA
MINISART[®]
PARA APLICACIONES FARMACÉUTICAS



Medical Use & Venting – Special Applications

Make your choice from a broad range of pore sizes, materials and formats

Minisart® syringe filters are available in a broad range of pore sizes. They are ideal for clarification of liquids laden with particles, e.g. for preparation of pharmaceuticals or infusion solutions. For sterilization and removal of particles from air and other gases, syringe filters are optimal for sterile venting of containers, bioreactors, fermenters and tubing systems in medical devices. Many Minisart® syringe filters have the CE mark of conformity and are available in a wide choice of membranes, connectors and housing materials.

Minisart® Features

- Certified quality
- Fully validated
- 100% integrity tested
- Integrity testable before or after use
- Low adsorption
- Minimum extractables
- Particulate-free
- PVC-free
- Presterilized or non-sterile
- Gamma irradiated or EO sterilized
- CE-marked types
- Various inlet connectors
- Various outlet connectors
- Bidirectional

Key Specifications

Diameter [mm]	Pore Size [µm]	Membranes	Housing	Connector Outlet	Hold-up Volume [µl***]	Filter Area [cm²]
28	0.2 0.45	SFCA	MBS*	Male Luer Lock Male Luer Slip	100-150	6.2
28	5	SFCA	MBS*	Male Luer Lock	100-150	6.2
28	0.1	PES	MBS*	Male Luer Lock	100-150	6.2
26	0.2 1.0	PTFE	MBS*	Male Luer Lock Male Luer Slip	100-150	6.2
26	0.45	Dome + PTFE	MBS*	Male Luer Slip (inlet and outlet)	100-150	6.2
25	0.2	PTFE	PP**	Male Luer Slip Tube Connection	100-200	4.8
15	0.2	PTFE	MBS*	Male Luer Slip Slip + Needle	100	1.7

* MBS = Methacrylate butadiene styrene polymerizate

** PP = Polypropylene

*** Hold-up volume after air purge. Volumes can vary depending on membrane and liquid used.

CE-labeled Minisart® in many configurations



Ordering Information
Minisart® NML (SFCA – Cellulose Acetate) Aqueous Filtration

Diameter [mm]	Membrane	Housing	Pore Size [µm]	Connector Outlet	Color	Sterile*	Qty Pk	Order Number	Marked?
28	SFCA	MBS	0.2	Male Luer Lock	Blue	Yes	50	16534-----K	CE-marked
28	SFCA	MBS	0.2	Male Luer Lock	Blue	Yes#	50	16534-----GUK	CE-marked
28	SFCA	MBS	0.2	Male Luer Lock	Blue	No	500	16534-----Q	CE-marked
28	SFCA	MBS	0.2	Male Luer Slip	Blue	Yes	50	17597-----K	CE-marked
28	SFCA	MBS	0.2	Male Luer Slip	Blue	No	500	17597-----Q	CE-marked
28	SFCA	MBS	0.45	Male Luer Lock	Yellow	Yes	50	16555-----K	CE-marked
28	SFCA	MBS	0.45	Male Luer Lock	Yellow	Yes#	50	16555-----GUK	CE-marked
28	SFCA	MBS	0.45	Male Luer Lock	Yellow	No	500	16555-----Q	CE-marked
28	SFCA	MBS	0.45	Male Luer Slip	Yellow	Yes	50	17598-----K	CE-marked
28	SFCA	MBS	0.45	Male Luer Slip	Yellow	No	500	17598-----Q	CE-marked
28	SFCA	MBS	5	Male Luer Lock	Brown	Yes	50	17594-----K	

Minisart® Opthalsart (SCFA – Cellulose Acetate) Aqueous Filtration

28	Opthalsart	MBS	0.2	Male Luer Slip	Pink	Yes	50	17528-----K	CE-marked
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Minisart® High Flow (PES – Polyethersulfone^b) Aqueous Filtration

28	PES	MBS	0.1	Male Luer Lock	Dark Red	Yes	50	16553-----K	
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Minisart® Air (Hydrophobic PTFE) Venting

15	PTFE	MBS	0.2	Male Luer Slip	Yellow	No	500	1751A-----Q	
15	PTFE	MBS	0.2	Male Luer Slip +	Yellow	Yes#	50	16596-----HMK	

*Sterilized Minisarts are single-packed. If not stated differently, Minisarts are sterilized by Ethylene Oxide. #-Mark indicates sterilization by Gamma irradiation

Not pre-sterilized Minisarts: SFCA could be sterilized by Ethylene Oxide|Gamma irradiation • PTFE could be sterilized by Ethylene Oxide

^a Connector Inlet: Male Luer Slip (all other Minisarts have Female Luer Lock inlets) • ^b Tube Connectors, inlet and outlet, 5 mm diameter

Ordering Information

Minisart® HY (Hydrophobic PTFE) CE-marked Venting & Gas Filtration

Diameter [mm]	Membrane	Housing	Pore Size [µm]	Connector Outlet	Color	Sterile*	Qty Pk	Order Number	Marked?
26	PTFE	MBS	0.2	Male Luer Lock	clear	Yes	50	16596-----HYK	CE-marked
26	PTFE	MBS	0.2	Male Luer Lock	clear	No	500	16596-----HYQ	CE-marked
26	PTFE	MBS	0.2	Male Luer Locka	clear	No	500	16599-----HYQ	CE-marked
26	PTFE	MBS	0.2	Male Luer Slip	clear	No	500	17595-----HYQ	
26	PTFE	MBS	0.2	Tube Connectorsa	clear	No	500	40078-----Q	
26	PTFE	MBS	1	Male Luer Lock	clear	No	500	1659A-----HYQ	
26	PTFE	MBS	1	Male Luer Slipa	clear	No	500	1659B-----HYQ	

Minisart® Acticosart with Dome Reservoir + Hydrophobic PTFE Venting & Ultracleaning of Gases

26	empty reser-	MBS	0.45	Tube Connectorsa	clear	No	500	40080-----Q	
26	active carbon	MBS	0.45	Male Luer Slip ^a	blue	No	500	17840-----Q	

Minisart® SRP (Hydrophobic PTFE) CE-marked Venting & Gas Filtration

25	PTFE	PP	0.2	Male Luer Slip	white	Yes	50	17575-----ACK	CE-marked
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 Not pre-sterilized Minisarts®: SFCA could be sterilized by Ethylene Oxide|Gamma irradiation • PTFE could be sterilized by Ethylene Oxide
^a Connector Inlet: Male Luer Slip (all other Minisarts® have Female Luer Lock inlets) • ^b Tube Connectors, inlet and outlet, 5 mm diameter

You need additional pore sizes ?

You would like to use other membranes?

- Please refer to Minisart® NML available in 0.65, 0.8, 1.2 µm pore sizes also available with PES membrane

You would like to filter solvents, acids or bases?

You want to filter small volumes?

You would like to use PP housing and other membranes?

- Please refer to Minisart® RC, Minisart® NY or Minisart® SRP for highest chemical compatibility, also available in 15 and 4 mm Ø see also Minisart® Selection Guide