

Syringe Filter



MS[®] Syringe Filters are simply quality filters, well packaged, and offered at a fair and competitive price. The Classic range is available in all of the major membranes including Nylon, CA, PP, Glass Fiber, PTFE, PES, MCE and PVDF which are supplied in 13mm, 25mm and 33mm formats in virgin polypropylene housings.

<u>Nylon Syringe Filter</u>	Page 2
<u>MCE Syringe Filter</u>	Page 2
<u>CA Syringe Filter</u>	Page 3
<u>PES Syringe Filter</u>	Page 3
<u>PVDF Syringe Filter</u>	Page 4
<u>PP Syringe Filter</u>	Page 4
<u>Glass Fiber Syringe Filter</u>	Page 5
<u>PTFE Syringe Filter</u>	Page 5
<u>Syringe Filter with Prefilter</u>	Page 6-8

MS[®] Nylon Syringe Filter (Polyamide)



- Hydrophilic property
- No need to moist beforehand
- Uniform aperture
- Strong tenacity and adsorbability
- Compatible with aqueous and alcoholic solutions and solvents; suitable for HPLC

Cat. No.	Filter Medium	Pore Size(µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFNY013022N	Nylon	0.22	13	No	100
SFNY013045N	Nylon	0.45	13	No	100
SFNY025022N	Nylon	0.22	25	No	100
SFNY025045N	Nylon	0.45	25	No	100
SFNY033022N	Nylon	0.22	33	No	100
SFNY033045N	Nylon	0.45	33	No	100
<hr/>					
SFNY013022S	Nylon	0.22	13	Yes	100
SFNY013045S	Nylon	0.45	13	Yes	100
SFNY025022S	Nylon	0.22	25	Yes	100
SFNY025045S	Nylon	0.45	25	Yes	100
SFNY033022S	Nylon	0.22	33	Yes	100
SFNY033045S	Nylon	0.45	33	Yes	100

Note: Membrane Solutions offer Customized Pore Sizes: 0.1µm, 0.8µm, 1.0µm, 3.0µm, 5.0µm

MS[®] MCE Syringe Filter (Mixed Cellulose Ester)



- Uniform aperture,
- No medium dropping
- Naturally hydrophilic

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFMCE013022N	MCE	0.22	13	No	100
SFMCE013045N	MCE	0.45	13	No	100
SFMCE025022N	MCE	0.22	25	No	100
SFMCE025045N	MCE	0.45	25	No	100
SFMCE033022N	MCE	0.22	33	No	100
SFMCE033045N	MCE	0.45	33	No	100
<hr/>					
SFMCE013022S	MCE	0.22	13	Yes	100
SFMCE013045S	MCE	0.45	13	Yes	100
SFMCE025022S	MCE	0.22	25	Yes	100
SFMCE025045S	MCE	0.45	25	Yes	100
SFMCE033022S	MCE	0.22	33	Yes	100
SFMCE033045S	MCE	0.45	33	Yes	100

Note: Membrane Solutions offer Customized Pore Sizes: 0.8µm, 1.0µm, 3.0µm, 5.0µm

MS[®] CA Syringe Filter (Cellulose Acetate)

- Low protein binding
- Ideal for aqueous, biological or protein filtration
- Naturally hydrophilic



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFCA013022N	CA	0.22	13	No	100
SFCA013045N	CA	0.45	13	No	100
SFCA025022N	CA	0.22	25	No	100
SFCA025045N	CA	0.45	25	No	100
SFCA033022N	CA	0.22	33	No	100
SFCA033045N	CA	0.45	33	No	100
SFCA013022S	CA	0.22	13	Yes	100
SFCA013045S	CA	0.45	13	Yes	100
SFCA025022S	CA	0.22	25	Yes	100
SFCA025045S	CA	0.45	25	Yes	100
SFCA033022S	CA	0.22	33	Yes	100
SFCA033045S	CA	0.45	33	Yes	100

Note: Membrane Solutions offer Customized Pore Sizes: 0.8µm, 3.0µm

MS[®] PES Syringe Filter (Polyether Sulfone)

- Hydrophilic, low protein binding,
- Low extractables
- High throughput



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPES013022N	PES	0.22	13	No	100
SFPES013045N	PES	0.45	13	No	100
SFPES025022N	PES	0.22	25	No	100
SFPES025045N	PES	0.45	25	No	100
SFPES033022N	PES	0.22	33	No	100
SFPES033045N	PES	0.45	33	No	100
SFPES013022S	PES	0.22	13	Yes	100
SFPES013045S	PES	0.45	13	Yes	100
SFPES025022S	PES	0.22	25	Yes	100
SFPES025045S	PES	0.45	25	Yes	100
SFPES033022S	PES	0.22	33	Yes	100
SFPES033045S	PES	0.45	33	Yes	100

Note: Membrane Solutions offer Customized Pore Sizes: 0.05µm ,0.1µm ,0.65µm, 1.0µm

MS[®] PVDF Syringe Filter (Polyvinylidene Fluoride)

- Good heat—endurance chemical stability
- Strong hydrophobicity filters
- Widely used in gas filtration, vapor filtration, high-temperature



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPVDF013022N	PVDF	0.22	13	No	100
SFPVDF013045N	PVDF	0.45	13	No	100
SFPVDF025022N	PVDF	0.22	25	No	100
SFPVDF025045N	PVDF	0.45	25	No	100
SFPVDF033022N	PVDF	0.22	33	No	100
SFPVDF033045N	PVDF	0.45	33	No	100
SFPVDF013022S	PVDF	0.22	13	Yes	100
SFPVDF013045S	PVDF	0.45	13	Yes	100
SFPVDF025022S	PVDF	0.22	25	Yes	100
SFPVDF025045S	PVDF	0.45	25	Yes	100
SFPVDF033022S	PVDF	0.22	33	Yes	100
SFPVDF033045S	PVDF	0.45	33	Yes	100

MS[®] PP Syringe Filter (Polypropylene)

- Naturally hydrophilic membrane
- Wide range of chemical compatibility to organic solvents
- Highly solvent resistant
- Low no-specific absorbing membrane for maximum protein recovery in critical analysis



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPP013022N	PP	0.22	13	No	100
SFPP013045N	PP	0.45	13	No	100
SFPP025022N	PP	0.22	25	No	100
SFPP025045N	PP	0.45	25	No	100
SFPP013022S	PP	0.22	13	Yes	100
SFPP013045S	PP	0.45	13	Yes	100
SFPP025022S	PP	0.22	25	Yes	100
SFPP025045S	PP	0.45	25	Yes	100



MS® PTFE Syringe Filter (Polyfluortetraethylene)

- Broad chemical compatibility
- Strong chemical stability and inertia
- Strong hydrophobicity

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
Hydrophobic PTFE Syringe Filter					
SFPTFE013022NB	PTFE	0.22	13	No	100
SFPTFE013045NB	PTFE	0.45	13	No	100
SFPTFE025022NB	PTFE	0.22	25	No	100
SFPTFE025045NB	PTFE	0.45	25	No	100
SFPTFE033022NB	PTFE	0.22	33	No	100
SFPTFE033045NB	PTFE	0.45	33	No	100
Hydrophilic PTFE Syringe Filter					
SFPTFE013022SB	PTFE	0.22	13	Yes	100
SFPTFE013045SB	PTFE	0.45	13	Yes	100
SFPTFE025022SB	PTFE	0.22	25	Yes	100
SFPTFE025045SB	PTFE	0.45	25	Yes	100
SFPTFE033022SB	PTFE	0.22	33	Yes	100
SFPTFE033045SB	PTFE	0.45	33	Yes	100
Hydrophilic PTFE Syringe Filter					
SFPTFE013022NL	PTFE	0.22	13	No	100
SFPTFE013045NL	PTFE	0.45	13	No	100
SFPTFE025022NL	PTFE	0.22	25	No	100
SFPTFE025045NL	PTFE	0.45	25	No	100
Hydrophilic PTFE Syringe Filter					
SFPTFE013022SL	PTFE	0.22	13	Yes	100
SFPTFE013045SL	PTFE	0.45	13	Yes	100
SFPTFE025022SL	PTFE	0.22	25	Yes	100
SFPTFE025045SL	PTFE	0.45	25	Yes	100

Note: Membrane Solutions offer Customized Pore Sizes: 0.1µm , 1.0µm, 3.0µm, 5.0µm

MS® Glass Fiber Syringe Filter

- Hydrophilic Material Membrane
- Excellent compatibility with organic solvents and strong acids (apart from hydrofluoric acid) and bases.
- High dirt-handling capacity



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFGF013070N	Glass Fiber	0.7	13	No	100
SFGF013100N	Glass Fiber	1.0	13	No	100
SFGF025070N	Glass Fiber	0.7	25	No	100
SFGF025100N	Glass Fiber	1.0	25	No	100
Hydrophilic Glass Fiber Syringe Filter					
SFGF013070S	Glass Fiber	0.7	13	Yes	100
SFGF013100S	Glass Fiber	1.0	13	Yes	100
SFGF025070S	Glass Fiber	0.7	25	Yes	100
SFGF025100S	Glass Fiber	1.0	25	Yes	100

MS[®] Syringe Filter with Prefilter

- Improve sample volume throughout with prefilter
- High particulate load
- Exceptionally low extractable level with no wetting agents utilized



MS[®] PTFE Syringe Filter with PP Prefilter

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPTFE013022NP	PTFE/PP Prefilter	0.22	13	No	100
SFPTFE013045NP	PTFE/PP Prefilter	0.45	13	No	100
SFPTFE025022NP	PTFE/PP Prefilter	0.22	25	No	100
SFPTFE025045NP	PTFE/PP Prefilter	0.45	25	No	100
SFPTFE013022SP	PTFE/PP Prefilter	0.22	13	Yes	100
SFPTFE013045SP	PTFE/PP Prefilter	0.45	13	Yes	100
SFPTFE025022SP	PTFE/PP Prefilter	0.22	25	Yes	100
SFPTFE025045SP	PTFE/PP Prefilter	0.45	25	Yes	100

MS[®] PES Syringe Filter with PP Prefilter



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPES013022NP	PES/ PP Prefilter	0.22	13	No	100
SFPES013045NP	PES/ PP Prefilter	0.45	13	No	100
SFPES025022NP	PES/ PP Prefilter	0.22	25	No	100
SFPES025045NP	PES/ PP Prefilter	0.45	25	No	100
SFPES013022SP	PES/ PP Prefilter	0.22	13	Yes	100
SFPES013045SP	PES/ PP Prefilter	0.45	13	Yes	100
SFPES025022SP	PES/ PP Prefilter	0.22	25	Yes	100
SFPES025045SP	PES/ PP Prefilter	0.45	25	Yes	100

MS[®] PVDF Syringe Filter with PP Prefilter

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPVDF013022NP	PVDF/PP Prefilter	0.22	13	No	100
SFPVDF013045NP	PVDF/ PP Prefilter	0.45	13	No	100
SFPVDF025022NP	PVDF PP Prefilter	0.22	25	No	100
SFPVDF025045NP	PVDF/ PP Prefilter	0.45	25	No	100
SFPVDF013022SP	PVDF/PP Prefilter	0.22	13	Yes	100
SFPVDF013045SP	PVDF/ PP Prefilter	0.45	13	Yes	100
SFPVDF025022SP	PVDF PP Prefilter	0.22	25	Yes	100
SFPVDF025045SP	PVDF/ PP Prefilter	0.45	25	Yes	100

MS[®] Nylon Syringe Filter with PP Prefilter



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFNY013022NP	Nylon/ PP Prefilter	0.22	13	No	100
SFNY013045NP	Nylon/ PP Prefilter	0.45	13	No	100
SFNY025022NP	Nylon/ PP Prefilter	0.22	25	No	100
SFNY025045NP	Nylon/ PP Prefilter	0.45	25	No	100
SFNY013022SP	Nylon/ PP Prefilter	0.22	13	Yes	100
SFNY013045SP	Nylon/ PP Prefilter	0.45	13	Yes	100
SFNY025022SP	Nylon/ PP Prefilter	0.22	25	Yes	100
SFNY025045SP	Nylon/ PP Prefilter	0.45	25	Yes	100

MS[®] PTFE Syringe Filter with Glass Fiber Prefilter

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPTFE013022NG	PTFE/ GF Prefilter	0.22	13	No	100
SFPTFE013045NG	PTFE/ GF Prefilter	0.45	13	No	100
SFPTFE025022NG	PTFE/ GF Prefilter	0.22	25	No	100
SFPTFE025045NG	PTFE/ GF Prefilter	0.45	25	No	100
SFPTFE013022SG	PTFE/ GF Prefilter	0.22	13	Yes	100
SFPTFE013045SG	PTFE/ GF Prefilter	0.45	13	Yes	100
SFPTFE025022SG	PTFE/ GF Prefilter	0.22	25	Yes	100
SFPTFE025045SG	PTFE/ GF Prefilter	0.45	25	Yes	100

MS[®] PES Syringe Filter with Glass Fiber Prefilter

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPES013022NG	PES/ GF Prefilter	0.22	13	No	100
SFPES013045NG	PES / GF Prefilter	0.45	13	No	100
SFPES025022NG	PES / GF Prefilter	0.22	25	No	100
SFPES025045NG	PES / GF Prefilter	0.45	25	No	100
SFPES013022SG	PES / GF Prefilter	0.22	13	Yes	100
SFPES013045SG	PES / GF Prefilter	0.45	13	Yes	100
SFPES025022SG	PES / GF Prefilter	0.22	25	Yes	100
SFPES025045SG	PES / GF Prefilter	0.45	25	Yes	100

MS[®] PVDF Syringe Filter with Glass Fiber Prefilter



Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFPVDF013022NG	PVDF/ GF Prefilter	0.22	13	No	100
SFPVDF013045NG	PVDF/ GF Prefilter	0.45	13	No	100
SFPVDF025022NG	PVDF/ GF Prefilter	0.22	25	No	100
SFPVDF025045NG	PVDF/ GF Prefilter	0.45	25	No	100
SFPVDF013022SG	PVDF/ GF Prefilter	0.22	13	Yes	100
SFPVDF013045SG	PVDF/ GF Prefilter	0.45	13	Yes	100
SFPVDF025022SG	PVDF/ GF Prefilter	0.22	25	Yes	100
SFPVDF025045SG	PVDF/ GF Prefilter	0.45	25	Yes	100

MS[®] Nylon Syringe Filter with Glass Fiber Prefilter

Cat. No.	Filter Medium	Pore Size (µm)	Diameter (mm)	Gama Sterile	Qty/pack
SFNY013022NG	Nylon/ GF Prefilter	0.22	13	No	100
SFNY013045NG	Nylon/ GF Prefilter	0.45	13	No	100
SFNY025022NG	Nylon/ GF Prefilter	0.22	25	No	100
SFNY025045NG	Nylon/ GF Prefilter	0.45	25	No	100
SFNY013022SG	Nylon/ GF Prefilter	0.22	13	Yes	100
SFNY013045SG	Nylon/ GF Prefilter	0.45	13	Yes	100
SFNY025022SG	Nylon/ GF Prefilter	0.22	25	Yes	100
SFNY025045SG	Nylon/ GF Prefilter	0.45	25	Yes	100