

MS[®] Nylon Syringe Filters

-----*Ideal for Analytical Procedures*



Introduction:

MS[®] Nylon syringe filters offer universal application for analytical procedures. Hydrophilic Nylon66 is ideal for aqueous (non-acidic) or organic sample prep and HPLC, GC or dissolution sample analysis. With its excellent flow characteristics, very low extractable levels and mechanical stability, Nylon offers the best combination of physical parameters to meet the most stringent analytical needs. The naturally hydrophilic, high protein binding and high dirt loading capacity of Nylon are natural advantages.

Technical Parameter:

Membrane Solutions offer Customized Pore Sizes: **0.1µm, 0.80µm, 1.0µm, 3.0µm, 5.0µm.**

Parameters	13mm		25mm		33mm	
Membrane material/Housing Material	Nylon66/PP		Nylon66/PP		Nylon66/PP	
Filter diameter (mm)	13mm		25mm		33mm	
Filtration area (cm ²)	0.65		3.90		4.60	
Normal Pore Size(µm)	0.22	0.45	0.22	0.45	0.22	0.45
Holdup volume (µl)	<10		<30		<55	
Sample volume (ml)	<12		<100		<140	
Maximum Operating Temperature	100 °C		100 °C		100 °C	
Maximum Operating Pressure (psi)	75		95		110	
Applicable pH value	3-12		3-12		3-12	

Order Information:

MS Items	Products Name/Size	Quantity/pk
Nylon Syringe Filter, 13mm, Non-sterile		
SFNY013010N	Nonsterile Nylon Syringe Filters, 0.10(µm), 13(mm)	100
SFNY013022N	Nonsterile Nylon Syringe Filters, 0.22(µm), 13(mm)	100
SFNY013045N	Nonsterile Nylon Syringe Filters, 0.45(µm), 13(mm)	100
SFNY013080N	Nonsterile Nylon Syringe Filters, 0.80(µm), 13(mm)	100
SFNY013100N	Nonsterile Nylon Syringe Filters, 1.00(µm), 13(mm)	100
SFNY013300N	Nonsterile Nylon Syringe Filters, 3.00(µm), 13(mm)	100
SFNY013500N	Nonsterile Nylon Syringe Filters, 5.00(µm), 13(mm)	100
Nylon Syringe Filter, 25mm, Non-sterile		
SFNY025010N	Nonsterile Nylon Syringe Filters, 0.10(µm), 25(mm)	100
SFNY025022N	Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm)	100
SFNY025045N	Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm)	100

SFNY025080N	Nonsterile Nylon Syringe Filters, 0.80(µm), 25(mm)	100
SFNY025100N	Nonsterile Nylon Syringe Filters, 1.00(µm), 25(mm)	100
SFNY025300N	Nonsterile Nylon Syringe Filters, 3.00(µm), 25(mm)	100
SFNY025500N	Nonsterile Nylon Syringe Filters, 5.00(µm), 25(mm)	100
Nylon Syringe Filter, 33mm, Non-sterile		
SFNY033022N	Nonsterile Nylon Syringe Filters, 0.22(µm), 33(mm)	100
SFNY033045N	Nonsterile Nylon Syringe Filters, 0.45(µm), 33(mm)	100
Nylon Syringe Filter, 13mm, Sterile		
SFNY013010S	Sterile Nylon Syringe Filters, 0.10(µm), 13(mm)	100
SFNY013022S	Sterile Nylon Syringe Filters, 0.22(µm), 13(mm)	100
SFNY013045S	Sterile Nylon Syringe Filters, 0.45(µm), 13(mm)	100
SFNY013080S	Sterile Nylon Syringe Filters, 0.80(µm), 13(mm)	100
SFNY013100S	Sterile Nylon Syringe Filters, 1.00(µm), 13(mm)	100
SFNY013300S	Sterile Nylon Syringe Filters, 3.00(µm), 13(mm)	100
SFNY013500S	Sterile Nylon Syringe Filters, 5.00(µm), 13(mm)	100
Nylon Syringe Filter, 25mm, Sterile		
SFNY025010S	Sterile Nylon Syringe Filters, 0.10(µm), 25(mm)	100
SFNY025022S	Sterile Nylon Syringe Filters, 0.22(µm), 25(mm)	100
SFNY025045S	Sterile Nylon Syringe Filters, 0.45(µm), 25(mm)	100
SFNY025080S	Sterile Nylon Syringe Filters, 0.80(µm), 25(mm)	100
SFNY025100S	Sterile Nylon Syringe Filters, 1.00(µm), 25(mm)	100
SFNY025300S	Sterile Nylon Syringe Filters, 3.00(µm), 25(mm)	100
SFNY025500S	Sterile Nylon Syringe Filters, 5.00(µm), 25(mm)	100
Nylon Syringe Filter, 33mm, Sterile		
SFNY033122S	Sterile Nylon Syringe Filters, 0.22(µm), 33(mm)	100
SFNY033145S	Sterile Nylon Syringe Filters, 0.45(µm), 33(mm)	100
Nylon Syringe Filter, 13mm, with PP Prefilter, Non-sterile		
SFNY013022NP	Nonsterile Nylon Syringe Filters, 0.22(µm), 13(mm), PP prefilter	100
SFNY013045NP	Nonsterile Nylon Syringe Filters, 0.45(µm), 13(mm), PP prefilter	100
Nylon Syringe Filter, 13mm, with PP Prefilter, Sterile		
SFNY013122SP	Sterile Nylon Syringe Filters, 0.22(µm), 13(mm), PP prefilter	100
SFNY013145SP	Sterile Nylon Syringe Filters, 0.45(µm), 13(mm), PP prefilter	100
Nylon Syringe Filter, 25mm, with PP Prefilter, Non-sterile		
SFNY025022NP	Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm), PP prefilter	100
SFNY025045NP	Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm), PP prefilter	100
Nylon Syringe Filter, 25mm, with PP Prefilter, Sterile		
SFNY025122SP	Sterile Nylon Syringe Filters, 0.22(µm), 25(mm), PP prefilter	100
SFNY025145SP	Sterile Nylon Syringe Filters, 0.45(µm), 25(mm), PP prefilter	100
Nylon Syringe Filter, 13mm, with Glass Fiber Prefilter, Non-sterile		
SFNY013022NG	Nonsterile Nylon Syringe Filters, 0.22(µm), 13(mm), GF prefilter	100
SFNY013045NG	Nonsterile Nylon Syringe Filters, 0.45(µm), 13(mm), GF prefilter	100
Nylon Syringe Filter, 13mm, with Glass Fiber Prefilter, Sterile		
SFNY013122SG	Sterile Nylon Syringe Filters, 0.22(µm), 13(mm), GF prefilter	100
SFNY013145SG	Sterile Nylon Syringe Filters, 0.45(µm), 13(mm), GF prefilter	100
Nylon Syringe Filter, 25mm, with Glass Fiber Prefilter, Non-sterile		
SFNY025022NG	Nonsterile Nylon Syringe Filters, 0.22(µm), 25(mm), GF prefilter	100
SFNY025045NG	Nonsterile Nylon Syringe Filters, 0.45(µm), 25(mm), GF prefilter	100
Nylon Syringe Filter, 25mm, with Glass Fiber Prefilter, Sterile		
SFNY025122SG	Sterile Nylon Syringe Filters, 0.22(µm), 25(mm), GF prefilter	100
SFNY025145SG	Sterile Nylon Syringe Filters, 0.45(µm), 25(mm), GF prefilter	100

Key: R= Recommended, N= Not Recommended , T= Test, L= Limited Resistance (Testing before use is recommended)

SOLVENTS		ACIDS	
Chemical	Nylon Filter Media	Chemical	Nylon Filter Media
Acetone	R	Acetic Acid,5%	R
Acetonitrile	R	Acetic Acid,10%	L
Amyl Acetate	R	Acetic Acid,Glacial	N
Aniline	R	Boric Acid	L
Benzene	R	Hydrochloric, 6N	N
Bromoform	R	Hydrochloric, Conc.	N
Butyl Acetate	R	Hydroflouric, 10%	N
Carbon Tetrachloride	R	Hydroflouric, 35%	N
Cellosolve	R	Nitric Acid, 6N	N
Chloroform	R	Nitric Acid, Conc.	N
Cyclohexane	R	Sulfuric Acid, 6N	N
Cyclohexanone	R	Sulfuric Acid, Conc.	N
Diethyl Acetamide	R	BASES	
Dimethyl Formamide	R	Chemical	Nylon Filter Media
Dimethyl Sulfoxide(DMSO)	R	Ammonium Hydroxide, 6N	N
Dioxane	R	Potassium Hydroxide, 6N	R
Ethyl Ether	R	Sodium Hydroxide, 6N	N
Ethylene Dichloride	R	MISC.	
Formaldehyde	R	Chemical	Nylon Filter Media
Freon TF	R	Cottonseed Oil	R
Gasoline	R	Hydrogen Peroxide(30%)	R
Hexane	R	Kodak KMER, FTFR	R
Isopropyl Acetate	R	Peanut Oil	T
Kerosene	R	Petroleum Oils	R
Methyl Acetate	R	Sesame oil	R
Methyl Ethyl Ketone(MEK)	R	Shipley(AS-111, 340, 1350)	R
Methyl Isobutyl Ketone	R	Silicone Oils	R
Methylene Chloride	L	Turpentine	R
Nitrobenzene	R	Waycoat 59	R
Pentane	R	ALOHOLS	
Perchloroethylene	R	Chemical	Nylon Filter Media
Pyridine	R	Amyl Alcohol	R
Tetrahydrofuran	L	Benzyl Alcohol	L
Toluene	R	Butyl Alcohol	R
Trichloroethane	R	Ethyl Alcohol <80%	R
Trichloroethylene	R	Ethyl Alcohol >80%	R
Trirhthylamine	R	Ehtylene Glycol	R
Xylene	R	Glycerine(Glycerol)	R
		Isobutyl Alcohol	R
		Isopropanol	R
		Methanol	L
		Methyl Cellosolve	R
		Propanol	R