



## Nupore Syringe Filters

Nupore offers ready to use syringe filters for various laboratory filtration applications. These syringe filters are validated for retention efficiency, protein binding, chemical compatibility & extractables.



### Applications and Features

Product	Features	Code	Application
Nylon-66 Membrane Syringe Filters	<ul style="list-style-type: none"> <li>Wide Chemical Compatibility</li> <li>Low Extractables</li> <li>Low Hold-up Volume</li> </ul>	NNSY25	Sample Filtration (<100 ml)
Nylon-66 Membrane Syringe Filters With Pre-filters	<ul style="list-style-type: none"> <li>High Retention Of Colloidal Particles</li> </ul>	GNNSY25	For Turbid Solutions(<100 ml)
Polyethersulfone Membrane Syringe Filters	<ul style="list-style-type: none"> <li>Extremely Low Protein Binding</li> <li>Very High Product Recovery</li> <li>High Heat Resistance</li> </ul>	PESY25	Sterilization/Clarification of Protein Solutions
Polyethersulfone Membrane Syringe Filters With Pre-filter	<ul style="list-style-type: none"> <li>Low Protein Binding</li> <li>High Throughput</li> </ul>	GPESY25	Sterilization/Clarification of Serum

### Specifications

Type	Specifications	Integrity Test Data	
NNSY25 GNNSY25 SNNSY25 SGNNSY25	Pore Sizes: 0.22 $\mu$ , 0.45 $\mu$ , 0.8 $\mu$ Diameter: 25mm Effective Filtration Area: 4.15 cm <sup>2</sup> Hold Up Volume: < 50 $\mu$ l	Wetting Fluid: Water	
		Pore Size	Bubble Point
		0.22 $\mu$	52 psi (3.65 kg/ cm <sup>2</sup> )
		0.45 $\mu$	33 psi (2.32 kg/ cm <sup>2</sup> )
		0.8 $\mu$	14 psi (0.98 kg/ cm <sup>2</sup> )
PESY25 GPESY25 SPESY25 SGPESY25	Pore Sizes: 0.22 $\mu$ , 0.45 $\mu$ Diameter: 25mm Effective Filtration Area: 4.15 cm <sup>2</sup> Hold Up Volume: < 50 $\mu$ l Retention Efficiency: 0.22 $\mu$ - LRV >7 for Br. Diminuta 0.45 $\mu$ - LRV >7 for Sr. Marcescens	Wetting Fluid: Water	
		Pore Size	Bubble Point
		0.22 $\mu$	60 psi (4.2 kg/cm <sup>2</sup> )
		0.45 $\mu$	46 psi (3.2 kg/cm <sup>2</sup> )

**Sterilisation:**

Autoclavable at 121oC for 30 minutes

**Maximum Operating Temperature:**

90°C continuous

**Maximum Operating Pressure:**7 Kg/cm<sup>2</sup>**Extractables With Water:**

Within limits specified in USP.

**All the offered products are also available as Pre-sterilized Individually packed.  
(Prefix with S in Product Code)**

**Ordering Information**

Type	Pore Size	End Connections		Pack Size
		Inlet	Outlet	
XXS <sub>Y</sub> 25 GX <sub>XS</sub> Y25 SX <sub>XS</sub> Y25 SG <sub>XS</sub> Y25	0.22μ 0.45μ 0.8μ	Female luer lock	Male luer lock	100 Nos.

XX-NN-Nylon-66Membrane

PE-Polyethersulfone Membrane

G - With Prefilter

S - Pre-sterilized Individually Packed

To order please specify: Type, Pore Size and Quantity.

For example, GPESY25, 0.22μ, 500 Nos

**Nupore's Filtration Products**

S.No.	PRODUCT DESCRIPTION	SIZE	PACKING	PRICE (USD)
01	<b>Membrane Disc Filters, Type-CN</b> (Cellulose Nitrate) Pore Sizes: 0.22 to 8.0 micron	Dia - 293 mm	100 Pcs. Per Box	Call us
		Dia -142 mm	100 Pcs. Per Box	Call us
		Dia – 90mm	100 Pcs. Per Box	Call us
		Dia - 47 mm	100 Pcs. Per Box	Call us
		Dia - 25 mm	100 Pcs. Per Box	Call us
		Dia - 13 mm	100 Pcs. Per Box	Call us
				Call us
02	<b>Grided Cellulose Nitrate Membranes</b> Pore Sizes: 0.22 to 0.45 Micron <i>Type-GCN</i>	Dia – 47mm	100 Pcs. Per Box	Call us
	<i>Type-GCNS</i> (Sterile Individual Packing)	Dia – 47mm	100 Pcs. Per Box	Call us
				Call us
03	<b>Edge Hydrophobic CN Membranes,</b> <i>Type EHCN,</i> Pore Size: 0.45 micron	Dia – 47mm	100 Pcs. Per Box	Call us
				Call us
04	<b>Membrane Disc Filters, Type-NN</b> (Nylon-66) Pore Sizes: 0.22 to 0.8 micron	Dia - 293 mm	50 Pcs. Per Box	Call us
		Dia -142 mm	50 Pcs. Per Box	Call us
		Dia – 90mm	50 Pcs. Per Box	Call us
		Dia - 47 mm	100 Pcs. Per Box	Call us
		Dia - 25 mm	100 Pcs. Per Box	Call us
		Dia - 13 mm	100 Pcs. Per Box	Call us
				Call us
05	<b>Nylon Syringe Filters</b> Pore Sizes: 0.22, 0.45 Micron <i>Type-NNSY25</i>	Dia – 25mm	100 Nos. Per Box	Call us
	<i>Type-SNNSY25</i> (Sterile Individual Packing)	Dia – 25mm	100 Nos. Per Box	Call us
				Call us
06	<b>Polyether Sulfone Syringe Filters</b> Pore Sizes; 0.22, 0.45 Micron <i>Type-PESY25</i>	Dia – 25mm	100 Nos. Per Box	Call us

	<b>Type-SPESY25</b> (Sterile individual Packing)	Dia – 25mm	100 Nos. Per Box	Call us
				Call us
07	<b>Nitro Cellulose Blotting Membrane</b> Pore Sizes: 0.22, 0.45 micron	15 cm x 15 cm	25 Nos. Per Pkt.	Call us
		30 cm x 30 cm	25 Nos. Per Pkt.	Call us
				Call us
08	<b>Nylon Blotting Membrane</b> Pore Sizes: 0.22, 0.45 micron	15 cm x 15 cm	25 Nos. Per Pkt.	Call us
		24 cm x 30 cm	25 Nos. Per Pkt.	Call us
				Call us
09	<b>Membrane Prefilters, (Glass Fiber)</b> Type-GF/4 & GF/5	Dia - 293mm/279mm	50 Pcs. Per Box	Call us
		Dia -142mm/127mm	50 Pcs. Per Box	Call us
				Call us
10	<b>Glass Fiber filter paper</b> Type-GF/1 & GF/3	20.3cm x 25.4cm	100 Sheets Per Box	Call us
		Dia: 47 mm	100 Pcs. Per Box	Call us
				Call us
11	<b>Glass Fiber Thimbles</b>	19 mm x 90 mm	25 Nos. Per Box	Call us
				Call us
12	<b>Cellulose Extraction Thimbles</b>	28 mm x 100 mm	25 Nos. Per Box	Call us

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