

MS[®] Nylon Membrane in Roll



Nylon membrane can be used to filter all aqueous and the majority of solvent solutions due to their wide chemical compatibility range and naturally hydrophilic characteristics.

Nylon membrane is manufactured by Membrane Solutions, LLC using a unique impregnation process that eliminates cracking, tearing, breaking and distortion when handled or creased. The exclusive impregnation process results in a nylon filter with uniform pore sizes and consistent flow rates for continuously reliable performance.

Since Nylon membrane filters are naturally hydrophilic, wetting agents are not used during manufacturing, resulting in a very low level of extractables, making them ideally suited for HPLC solvent filtration, HPLC sample preparation, mobile-phase filtration and critical aqueous applications. They have a high nucleic acid binding capacity of 350 $\mu\text{g}/\text{cm}^2$ and Bovine Serum Albumin (BSA) protein binding of 120 $\mu\text{g}/\text{cm}^2$ compared to 80-100 $\mu\text{g}/\text{cm}^2$ for most cellulosic membranes under the same BSA binding conditions.

Features

- High strength
- Naturally hydrophilic
- PET (polyester) or PP (polypropylene) supported
- Wide chemical compatibility range :compatible with many aqueous and alcoholic solvents and solutions
- Pure: negligible organic extractables

Application

- HPLC sample preparation
- Sterilization, clarification of aqueous and organic solvent solutions
- Vacuum degassing
- Filtration of tissue culture media, microbiological media, buffers, and solutions

www.membrane-solutions.com

USA

Toll free: 866-528-4572

Fax: 732-412-4040

Address: 1108 Spring View Lane Plano, TX 75075

China

Toll free: 400-620-1660

Fax: 0086-21- 51687551

Address: 2202, No.1759 North Zhongshan Road, Shanghai



Specifications

Color: white

Surface: plain

Sterilization: Gamma or EO compatible

Wettability: hydrophilic

Operating temperature: 75 °C max

Pore Size (μm)	Bubble Point (Mpa)	Typical Flow Rate (mL/min/cm ² @ 0.7 kg/cm ²)	Thickness (μm)
0.22	0.28	9	110-150
0.45	0.2	16	110-150

Order Information

Catalogue No.	Description
MSNY254022L	Hydrophilic Nylon Laminated Membrane,0.22 μm ,254mm \times 200m
MSNY254045L	Hydrophilic Nylon Laminated Membrane,0.45 μm ,254mm \times 200m



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