MEDICAL

Nylon Membranes (Hydrophilic)

220607.16OGL

For Liquid Filtration Applications

Pall provides nylon 6,6 membranes for liquid filtration applications such as sample preparation and lysate clearing.

Hydroxylated Nylon for Sample Preparation

Our hydrophilic nylon 6,6 membrane has been surface modified with a high density of hydroxyl groups. The hydroxylated surface modification renders the membrane hydrophilic and easily wettable with very low protein binding. Manufactured without the use of surfactants, the membrane features a tightly controlled microporous structure with high void volume for rapid throughput of liquids and efficient retention of microparticles.

Applications

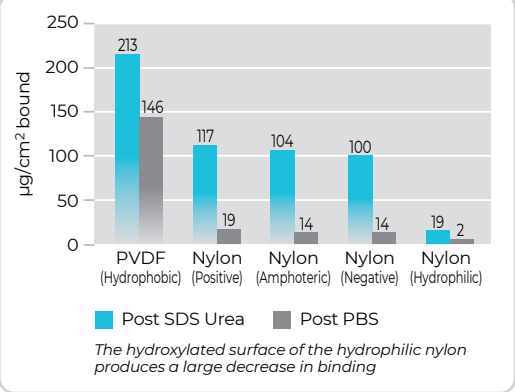
- Liquid filtration
- Lysate clarification
- Sample preparation

Sealing

- Mechanical
- Heat
- Insert molding
- Adhesive

Performance

Hydrophilic Nylon Membrane Exhibits Low Levels of Protein Binding



The hydroxylated surface of the hydrophilic nylon produces a large decrease in binding

Product Information

Specification

Typical Membrane Characteristics | Typical Performance Characteristics

Base Material	Nominal Pore Size (µm)	Thickness		Water Bubble Point		Protein Binding (µg/cm^2)	Delta P (ΔP)	
		mils	µm	psi	bar		inches Hg	bar
Supported nylon (hydrophilic) (LoProdyne® LP)	0.45	7.0-8.0	177.8-203.2	>/= 39.0	>/= 2.7	</= 9.0	N/A	N/A
	1.2	5.0-7.5	127.0-190.5	>/= 13.8	>/= 0.95	</= 9.0	</= 4.2	</= 0.14

Ordering Information

Custom roll, sheet, and disc sizes available upon request.
Please contact your local sales representative for additional information or to order samples.

Part Number	Description	Pkg
LNXF810S	LoProdyne® LP membrane, 0.45 µm, 8" x 10" sheet	1/pkg
LPNNG810S	LoProdyne® LP membrane 1.2 µm, 8" X 10" sheet	1/pkg

The LoProdyne name is registered trademark of Pall Corporation and is not available for use.

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