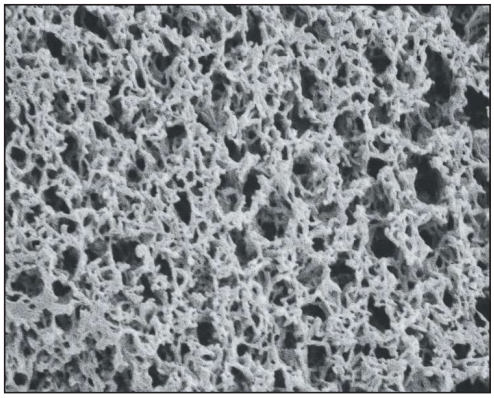
Nylon

- **Composition:** Very strong, heat resistant membranes are manufactured by impregnating a polyester web with the nylon polymer
- **Inherently hydrophilic**
- **Compatible** with aqueous and alcoholic solutions and solvents
- **Pure:** negligible organic extractables
- **Binds** proteins, DNA and RNA



Nylon

APPLICATIONS

- Suitable for HPLC sample preparation
- Filter sterilize and clarify aqueous and organic solvent solutions including buffers, microbiological and tissue culture solutions
- Vacuum degassing

SPECIFICATIONS: NYLON MEMBRANE, CODE N

Pore Size (µm)	Bubble Point [1]		Flow Rates [2]	
	MPa	psi	Water (mL/min/cm²)	Air (L/min/cm²)
0.10	≥0.48	≥70	4.0	0.6
0.22	≥0.34	≥50	9.9	1.7
0.45	≥0.20	≥30	26.9	3.2
0.65	≥0.12	≥18	59.3	4.5
0.80	≥0.089	≥13	80.5	14
1.20	≥0.075	≥11	180	18
5.00	≥0.041	≥6	331	34

- Wetting time: <3 seconds to wet a 47 mm diameter disk with aqueous 1% methylene blue
- Maximum Operating Temperature =180°C
- Thickness: 65–125 µm
- Extractables: <0.2%
- BSA Protein Binding 120µg/cm²

Definitions:
1. Bubble point is the minimum pressure required to force air through a membrane which has been prewet with water
2. Flow rate indicates initial flow rate at 10 psi

ORDERING INFORMATION: NYLON – NONSTERILE

Plain White disks

Pore Size (µm)	13 mm	25 mm	47 mm	90 mm	142 mm	293 mm
	100 per package			25 per package		
0.10	N010A013A	N010A025A	N010A047A	N010A090C	N010A142C	N010A293C
0.22	N022A013A	N022A025A	N022A047A	N022A090C	N022A142C	N022A293C
0.45	N045A013A	N045A025A	N045A047A	N045A090C	N045A142C	N045A293C
0.65	N065A013A	N065A025A	N065A047A	N065A090C	N065A142C	N065A293C
0.80	N080A013A	N080A025A	N080A047A	N080A090C	N080A142C	N080A293C
1.20	N120A013A	N120A025A	N120A047A	N120A090C	N120A142C	N120A293C
5.00	N500A013A	N500A025A	N500A047A	N500A090C	N500A142C	N500A293C

Also available in:

- Disposable syringe filter units