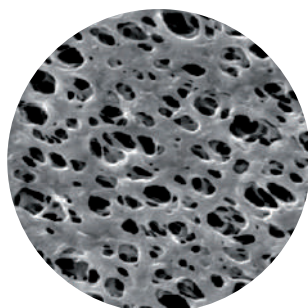


Nylon 66 (NY) Membrane



MAGNA
Nylon Membrane

Description and Use

GVS Nylon Filtration Membrane is a supported, naturally hydrophilic membrane designed to wet out evenly and retain its superior strength during use in general filtration or medical assays.

Versatile Capabilities, Consistent Performance

GVS Nylon Filtration Membrane is internally supported with an inert polyester support web giving it added dimensional strength and stability that prevents cracking, tearing, curling and breaking. This added strength and durability is advantageous during usage that involves aggressive handling or automated equipment.

A naturally hydrophilic membrane, GVS Nylon Filtration

Membrane does not require wetting agents that can interfere with biological processes.

Features & Benefits

- Hydrophilic: Eliminates the need for wetting agents that can potentially interfere with biological processes
- Super strength: Eases handling when used with automated equipment
- Low extractables: Ensures tests will be clean and pure leading to more consistent results
- Lot-to-lot consistency: Quality checks ensure lot-to-lot consistency, both down and across the polyester web, for dependable results every time

Typical Applications

- Sterilization and clarification of aqueous and organic solvent solutions
- HPLC sample preparation

Product Characteristics

Sterilization	Steam, Gamma Irradiation or Ethylene Oxide (EtO)
USP Class VI toxicity	Passed
Thickness	65 - 125 μ m
Maximum Operating Temperature	356°F (180°C)
Sealing Compatibility	Ultrasonics, Heat, Radio Frequency and Insert Molding
Pore Size Range	0.1 to 5 μ m

Performance

Pore Size (μ m)	Flow Time (s)	Volume/Vacuum (mL/ in Hg)	Flow Rate (mL/min/cm ² @ 10 psi)	Bubble Point (psi)
0.1	300-553	250/20	2.88-5.30	70-100
0.2	113-255	250/20	6.24-14.08	50-72
0.4	44-84	250/20	18.94-36.15	30-45
0.6	18-48	250/20	33.14-88.37	18-32
0.8	13-37	250/20	42.99-122.36	13-28
1.2	40-248	500/5	51-318	11-22
3.0	33-100	500/5	127-386	8-16
5.0	28-57	500/5	223-454	6-13

Disc and Sheet Membranes

Nylon 66 (NY) Membrane, white

Ordering information

	Dimensions Packaging	13 mm 100/pk	25 mm 100/pk	37 mm 100/pk	47 mm 100/pk	47 mm 1000/pk	47 mm Gridded 100/pk
Pore sizes	0.1 µm	1213760	1213761		1213762	3026917*	
	0.22 µm	1213766	1213768		1213769		
	0.45 µm	1213774	1213775		1213776		1213825
					1220671*		1213845
	0.65 µm		1213782		1213783		
	0.8 µm	1213788	1213789	1214881	1213790		3013826
	1.2 µm	1213794	1213796	1230356	1213797		1214880
	5.0 µm	1213810	1213811		1213812		3048260

*sterile

	Dimensions Packaging	90 mm 25/pk	142 mm 25/pk	293 mm 25/pk	200x200 mm 5/pk	30 cm x3 m 1/pk
Pore sizes	0.1 µm	1213763	1213764	1213765	1222859	1241477
	0.22 µm	1213770	1213771	1213772	1222858	1224690
	0.45 µm	1213778	1213779	1213780	1222857	1225982
	0.65 µm	1213784	1213786		1222856	3052148
	0.8 µm	1213791	1213792	1213793	1222855	
	1.2 µm	1213798	1213799	1213800	1222854	1214956
	5.0 µm	1213813	1213815	1213816	1222851	1221441

*sterile