Nitrocellulose Membranes

IMMUNOLOGICAL SCIENCES

100% Pure Nitrocellulose Membranes
The Nitrocellulose (NC) membranes are the most frequently specified transfer media in the world for a wide range of applications. These Nitrocellulose membranes are manufactured using 100% pure nitrocellulose to ensure the highest binding capacity possible.

Other membranes referred to as 'nitrocellulose' may actually contain large amounts of cellulose acetate which will lower the protein binding capacity. Nitrocellulose membranes have the best handling strength of all pure nitrocellulose membranes. They are compatible with a variety of detection methods, including isotopic, chemiluminescent (luminol-based), colorimetric, and fluorescent.

Unlike PVDF membranes, nitrocellulose does not require a methanol prewetting step. This makes Nitrocellulose the membrane of choice for proteins which prefer aqueous environments. Prior to transfer, the membrane is simply wetted in water, and then placed in the transfer buffer. No other pretreatment steps are necessary.

High binding, low background
High retention of small proteins

WB-RR-113 The 0.22 µm pore size nitrocellulose membrane has high surface area, ensuring binding of small proteins below 20 kD by reducing 'blow-through'.

WB-RR-114 The 0.45 µm pore size membrane is suitable for larger molecular weight samples..

Pore size is about 0.45u, Rubble point is 0.23-0.26(mpa), thickness is 115um+-20, flow rate is faster than50(ml/(min.square cm), wetting time below 1 second.

A key benefit of the proprietary nitrocellulose formula is the proven shelf life of bound proteins. Empirical evidence shows that proteins maintain molecular recognition activity for five years on

CODE	PRODUCT		SIZES
WB-RR-113	**NC Membrane Roll**	**3m x 30cm**	(pore size 0.22 µm)
WB-RR-114	**NC Membrane Roll**	**3m x 30cm**	(pore size: 0.45 µm)

Distributed by:
SIC Società Italiana Chimici Life Sciences
Via Rio nell'Elba, 140 / 00138 Rome – ITALY
Phone: +39 06-8818936/8800211 - Fax: +39 06-8815319
Email: info@sichim.com Web-Site : www.sichim.com