



Membrane Technologies

Nitrocellulose Membrane for Blotting Type SCN

Nitrocellulose Membranes Type SCN

mdi Nitrocellulose binding membranes are uniform, paper thin, white plastic supports having specially designed porous structure and binding sites to suit the transfer, biological hybridization and protein immuno-blotting applications and similar sensitive detection systems.

mdi Nitrocellulose Binding membranes are produced under controlled conditions through validated processes from pure nitrocellulose, without the use of any detergent, specially for life sciences applications. This imparts to the membrane high affinity for biomolecules, and low background characteristics.

Special Features

- High binding capacities of nucleic acid molecules and proteins
- Minimum background: High signal to noise ratio
- Uniform and easy wettability
- Does not bind common protein stains
- Compatible with colorimetric, radiolabelled, chemi-luminescent, fluorescent, and staining detection methods



Application

- Protein immuno-blotting
- Dot and slot blots
- Colony and plaque lifting and transfer
- Enzyme immunoassays
- Replica plating

Specification

Membrane

Internally supported Nitrocellulose

Pore Size

0.2µm, 0.45µm

Colour

White

Thickness

120 -150µm

Protein Binding Capacity (BSA)

0.2µm: 90µg/cm²

0.45µm: 80µg/cm²

Size

See the Ordering Information below for standard sizes offered.

User specified sizes are available upon request.

Recommendation Chart

BIOMOLECULES	
Nucleic Acid	R
Proteins	HR
TRANSFER METHOD	
Dot Blot	R
Colony or Plaque Lift	HR
Electrotransfer	R*
Capillary Blot	R
Vacuum Blot	R
Alkaline Transfer	R
MOLECULE FIXATION	
Baking	R
Drying	R
UV Crosslinking	P
Alkali Fixation	NR
Molecule Removal	R
DETECTION METHOD	
Colorimetric	HR
Radiolabelled	R
Luminescence	R
Fluorescence	R
Staining	R
REPROBING	
Once	R
Multiple	R

HR – Highly Recommended
R – Recommended
R* – Recommended for Proteins Only
P – Possible
NR – Not Recommended

Ordering Information

Type	Size		Pore Size		XX	XX	Sterile/ Non sterile		Pack Size	
	Code	Dia	Code	Code			Code	Code	Code	Code
SCN	SCNX	82mm Circles	13	0.2	01		Non Sterile	1	25	11
		90mm Circles	14	0.45	02	50			03	
		137mm Circles	20			Roll			01	
		142mm Circles	16							
		150mm x 150mm Sheets	87							
		200mm x 200mm Sheets	86							
		300mm x 300mm Sheets	85							
300mm x 3Meter Roll	84									

All Circles are available in pack of 50
All Sheets are available in pack of 25

Example: SCN X 84 01 XX XX 1 01

Data Sheet

DST SCNXXX0935C

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