

## 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

Nitrocellulose

#### Pore Size

0.2µm, 0.45µm

#### Colour

White

#### Thickness

120 -150µm

#### Protein Binding Capacity (BSA)

0.2µm: 90µg/cm<sup>2</sup>

0.45µm: 80µg/cm<sup>2</sup>

#### 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
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								
Example:		SCNX	84	01	XX	XX	1	01			

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