



## Nitrocellulose Membrane for Blotting Type SCN

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**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/cm<sup>2</sup>

0.45µm: 80µg/cm<sup>2</sup>

##### Size

See the Ordering Information below for standard sizes offered.

### 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

CSL-RNC45	Nitrocellulose roll, 0.45-30cm x 3m
CSL-RNC2	Nitrocellulose roll, 0.20-24cm x 3m

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