

# Internally Supported Nitrocellulose Membrane for Blotting Type SCNJ

mdi SCNJ membranes are internally supported, uniform, 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.

These 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, fluorescent, chemi-luminiscent, and staining detection methods
- High mechanical strength for ease of handling



## Application

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

## 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.  
**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	NR
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	Code	Size		Pore Size		XX	XX	Sterile/ Non sterile		Pack Size	
		Dia	Code	Code	Code			Code	Code	Code	
SCNJ	SCNJ	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								
		80mmx100mm Sheets	88								
		150mmx150mm Sheets	87								
		100mm x 3 Meter Roll	81								
		150mm x 3 Meter Roll	95								
		240mm x 3 Meter Roll	83								

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

### EXAMPLE:

SCNJ	95	01	XX	XX	1	01
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