

Polyvinylidene Fluoride (PVDF) Membrane for Blotting

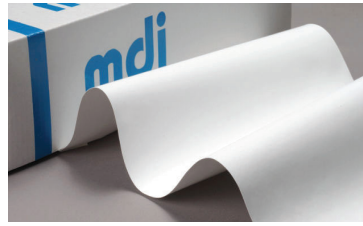
mdi PVDF binding membrane type SVF is a uniform, naturally hydrophobic support matrix with specially designed porous structure and binding sites.

mdi SVF membrane offers much higher protein binding capacities and binds even the difficult-to-bind proteins such as glycoproteins. Additionally, membrane has the ability to bind protein over a wide range of molecular weights while preventing the 'blow-through', thus allowing the user to get higher intensity signals even with low protein concentrations.

mdi SVF binding membranes are produced under controlled conditions through validated processes to exhibit high chemical resistance making it very suitable for life sciences work such as immuno-blotting and similar molecular biology applications.

Special Features

- High binding capacities of proteins
- Minimum background: High signal to noise ratio
- Remain flexible and non-brittle after processing
- High chemical resistance
- Higher mechanical strength facilitating multiple reprobing
- Maximum capture of proteins during transfers minimizing sample loss



Application

- Protein transfers
- Ideal support matrix for protein sequencing
- High performance, Western Blotting
- Protein staining, glycolipid detection and immunoblotting
- Dot and slot blots

Specification

Membrane
Polyvinylidene Fluoride

Pore Size
0.2µm, 0.45µm

Colour
White

Thickness
130µm

Protein Binding Capacity (BSA)
0.2µm: 200µg/cm²
0.45µm: 190µg/cm²

Size
See the Ordering Information below for standard sizes offered.

User specified sizes are available upon request.

Recommendation Chart

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

HR – Highly Recommended
R – Recommended
NR – Not Recommended

Ordering Information

Type	Code	Size (Dimension)	Code	Pore Size	Code	XX	XX	X	Pack Size	
SVF	SVFX	82mm Circles	13	0.2	01				Qty	Code
		90mm Circles	14	0.45	02				25	11
		137mm Circles	20						50	03
		142mm Circles	16						Roll	01
		150mm x 150mm Sheets	87							
		200mm x 200mm Sheets	86							
		240mm x 3Meters Roll	83							

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

EXAMPLE:

SVFX	83	01	XX	XX	X	01
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