Membrane Laminates for Lateral Flow Tests

Membrane Technologies

Data Sheet

Product Membrane Laminates

Intended Use Manufacture of Lateral Flow Immunoassay

Laminate Type and Constitution

Type	Constitution
L	Laminate with adhesive placed for sample pad, NC membrane, and absorbent pad
L2	Laminate with NC membrane mounted on it and adhesive placed for sample pad and absorbent pad
L3	Laminate with NC membrane and absorbent pad mounted on it and adhesive placed for sample pad
P25	PVC plastic backing of 250 μm thickness
H50	HIPS plastic backing of 500 μm thickness

Membrane Type

Laminate Type L- No membrane

Laminate Type L2/L3-

- CNPF-SN12, 5 μm
- CNPF-SN12, 8 μm
- CNPF-SN12, 10 μm
- CNPC-SS12, 10 μm
- CNPC-SS12, 12 μm
- CNPC-SS12, 15 μm
- 200 CNPH-N- SS60
- 150 CNPH-N- SS40
- 90 CNPH-N- SS40
- 70 CNPH-N- SS40
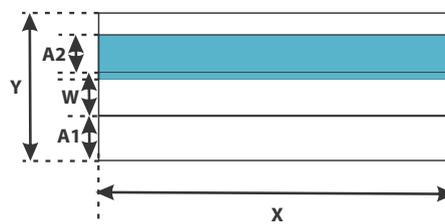
Legends

A1 - Width of area for Sample Pad
A2 - Width of area for Absorbent Pad
W - Width of NC Membrane
X - Total length of Laminate
Y - Total width of Laminate

Composition Backing

- L25- PVC (White, 250 $\pm$ 15 μm)
- H50- HIPS (White, 500 μm $\pm$ 50 μm)

Supply Format Laminate strip of dimension as described in figure (legends A1, A2, W, X, and Y).

Storage Condition Store and handle in accordance with all current regulations and standards.

Store in original packing at 1-35 ℃. Avoid direct sunlight.

Caution: Material should be kept away from heat radiators.

Shelf Life 6 months from the date of dispatch, stored under above conditions.

Ordering Information					
NC Membrane Type	Laminate Type	Backing	NC Membrane Width (mm)	Laminate Dimensions (WidthxLength)**	Quantity (Nos.)
None*	L	P25	20 mm	58 mm x 300 mm	As per requirement
CNPF-SN12, 5 μm	L2	H50	25 mm	75 mm x 260 mm	
CNPF-SN12, 8 μm	L3		28 mm		
CNPF-SN12, 10 μm					
CNPC-SS12, 12 μm					
CNPC-SS12, 15 μm					
200 CNPH-N- SS60					
150 CNPH-N- SS40					
90 CNPH-N- SS40					
70 CNPH-N- SS40					

*Only Laminate type L has no membrane

** These are **mdi** standard dimensions. Kindly specify the desired custom dimensions

Example:

CNPF-SN12, 8μm	L2	P25	25 mm	75 mm x 260 mm	–