

**Product** Nitrocellulose Membrane for Rapid Test

**Product Type** CNPF

**Composition**

Constituent	Material	Pore Size		
		5 µm	8 µm	10 µm
Polymer	Nitrocellulose	Yes	Yes	Yes
Backing	Transparent Polyester	Yes	Yes	Yes

**Physical Properties**

Property	Pore Size		
	5 µm	8 µm	10 µm
Appearance: White film on a transparent backing	Yes	Yes	Yes
Thickness of backing (microns)	102 ± 5	102 ± 5	102 ± 5
Thickness of membrane (microns)	100 ± 15	110 ± 15	100 ± 15

**Membrane Performance Characteristics**

Characteristics	Pore sizes		
	5 µm	8 µm	10 µm
Mean wicking time (seconds) (4cm distance, Normal Saline)	220 ± 25	170 ± 25	125 ± 25
Protein Binding (µg/cm <sup>2</sup> )	≥ 35	≥ 33	≥ 30

**Supply Format** Membrane form - Rolls of desired width (10mm to 60mm)

Roll length - 50 to 100 meters

**Storage Condition** Store in original foil packing at 1-35° C. Avoid direct sunlight.

Caution: Material should be kept away from heat radiators.

**Shelf Life** Best before one year from the date of slitting, when stored under above conditions. Please retest if you plan to use after one year.

**Ordering Information**

Type	Pore Size (µm)	Roll Width (mm)	Length of Roll (Meters)	Quantity (Meters)
CNPF-SN12	5	Please specify the width	50	Please specify the quantity
	8		100	
	10		----	

**EXAMPLE:** Type CNPF-SN12, 10 µm, 25 mm wide, 100 meters per roll, 10,000 meters