

DATA SHEET –

Polyester Backed Lateral Flow Nitrocellulose Membrane

Product Nitrocellulose Membrane for Lateral Flow Rapid Test Kit

Basic Information

Material of Construction	Cellulose Nitrate
Backing Material	Polyester
Appearance	Smooth, White film free from defects or particles, checked under backlight inspection.

Technical Specification

Туре	AXC90	AXC100	AXC115	AXC130	AXC160		
Pore rating (µm)	15 μm+	15 µm	12 µm	10 µm	8 µm		
Wicking rate (s/4cm)	80-100	85-115	100-130	115-145	135-195		
Time to signal	Fast	Fast	Medium	Medium	Slow		
Sensitivity	Good	Very Good	Very Good	High	Very High		
Line Intensity	Sharp	Sharp	Very Sharp	Very Sharp	Very Sharp		
Reel-to-reel manufacturing	Suitable	Suitable	Suitable	Suitable	Suitable		
Membrane Thickness	105 μm (± 15μm)						
Polyester Backing	100 μm, clear						
Wetting	<_ 5 sec (10µl volume 0.3% BAS in PBS 0.01M pH 7.4)						

Supply Format Roll of desired width (10mm to 40 mm) Roll length of 50 to 100 meters

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

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 using after one year from the date of dispatch.

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