

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

Type	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.