

Nitrocellulose Membrane for Blotting



Sartorius nitrocellulose membranes are available in two pore sizes, 0.22 μm and 0.45 μm . Both versions combine the advantages of high protein binding capacity with low background and high membrane stability, which ensures easy handling. Due to its large surface area, the 0.22 μm membrane version is recommended for small proteins. Sartorius blotting membranes are ideal for western blotting, DNA blotting as well as dot or slot blots. They have been optimized for all protein blotting systems, such as electrotransfer, semi-dry or simple capillary blotting.

Typical Values

	0.22 μm	0.45 μm
Material	Cellulose nitrate	Cellulose nitrate
Thickness	130 μm	130 μm
Water flow rate	27 mL/(min. cm^2 bar)	70 mL/(min. cm^2 bar)
Bubble point	4.4 bar	2.4 bar
Wettability in water	$\leq 1\text{s}$	$\leq 1\text{s}$
Extractable content in water	$\leq 1\%$	$\leq 1\%$
Burst pressure	0.8 bar	0.2 bar
Binding capacity for IgG	200 $\mu\text{g}/\text{cm}^2$	200 $\mu\text{g}/\text{cm}^2$

Ordering Information

	Roll Size	Order No.
NC 0.22 μm	30 cm \times 3 m	11327-----41BL
NC 0.45 μm	30 cm \times 3 m	11306-----41BL

All indicated data to be understood as typical average values