

Technical Data Sheet (TDS)

Product Name: VerdiBlot - Western Blot Membrane

Product Code 260101, 260102, 260103

Product Description:	VerdiBlot membranes are designed to deliver exceptional performance across all blotting formats. They are compatible with wet, semi-dry western blot transfer and dot blot applications. The membranes provide outstanding chemiluminescent and fluorescent detection with very low to no background signal, ensuring high-quality readout. Their robust construction also makes them suitable for downstream processes such as mass spectrometry (MS). With a pore size of 0.3 μm, they are suitable for broad range of protein sizes (>10 kDa). Ultra-low auto-fluorescence across excitation wavelengths (280-800 nm). Perfect for multiplexing with a broad spectrum of fluorescent dyes. Suitable for stripping and re-blotting. The membrane is 100% biodegradable without compromising the quality and clarity of bands.
Material Composition:	Polycaprolactone
Membrane Type:	Hydrophobic polyester membrane
Color:	White
Thickness:	130 $\pm$ 30 μm
Pore Size:	0.3 $\pm$ 0.05 μm
Formats:	Precut sheet (10 x10 cm; 8.4 x 7 cm; 8.3 x 7.3 cm) Rolls (30 cm x 2m; 30 cm x 4m))
Surface Properties:	Smooth, uniform surface for efficient protein adsorption post-treatment or coating as required.
Storage Conditions:	Store at room temperature (15–25°C), in a dry environment away from direct sunlight.
Shelf Life:	1 year from date of manufacture under recommended storage.

Applications:	- Western blotting, Dot blotting, mass spectrometry
Key Features:	- Low Fluorescence/Chemiluminescence background - Excellent mechanical strength - Compatibility with re-blotting
Regulatory / Compliance:	- REACH compliant - Non-toxic, non-hazardous as per GHS classification
Country of Origin:	Czech Republic
Packaging:	- Individually packed sheets in PE bags - Each Membrane is protected by two interleaving paper sheets.

Safety Information

This product is considered **non-hazardous** under normal laboratory usage. For more information refer to the SDS document found in verdiblot.com

Manufacturer / Supplier Details

LAM-X a.s.

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