

LAM550 Polymeric PVC laminate with UV block, 75µm

Description: Self-adhesive, glossy polymer calendered PVC laminate 75µm with a solvent-based permanent acrylic adhesive.

Application: For long-term protection of digital prints on flat and slightly curved surfaces against chemical, mechanical influences, moisture, dirt, fingerprints, etc. Thanks to the excellent UV protection, the laminate offers excellent Resistance to UV light.

Lamination: Suitable for cold lamination up to 60°C with all common laminators. Make sure that the print has evaporated thoroughly before laminating (approx. 48 hours with the foil uncovered). The adhesive is optimized for wide compatibility with print media and inks, but we recommend a lamination test upon initial use. Please note the lamination instructions for the print media (e.g. necessary overlap for some coated materials).

Storage: After printing, store the material immediately to avoid contamination and curling. Pack the material back into the protective film and store the roll upright in a light-protected and dust-free environment at 40 to 65% relative humidity and 18 to 25°C room temperature. The shelf life is 12 months.

Technical Data:

Characteristic	Value	method
Thick film	~ 75µm	DIN53370
Thick foil, glue, Paper	~ 215µm	DIN53370
masking paper	Siliconized clay-coated paper, 120g/m ²	
adhesive	Solvent-based acrylic adhesive	
Adhesion (20 minutes)	16N/25mm	Finat 1 (on glass)
Adhesion (24 hours)	20N/25mm	Finat 1 (on glass)
Quickstick	10N/25mm	Finat 9 (on glass)
Stretch resistance fracture	Longitudinal: > 130% Transverse: > 150%	Din53455
Dimensional stability	<0.40%	Final 14
Gloss level (gloss)	50 GU (Gloss Units)	Din67530 (20° measuring angle)
Outdoor durability	3.5 to 5 years	For vertical bonding, Central European climate
temperature range Assembly	+ 5°C to + 40°C	
Temperature range for Duration of use	- 20°C to + 70°C	

Dimension:

Length, roll core	50 linear meters wound on 3 inch core
widths	1050mm, 1370mm, 1550mm

Hints:

The technical data refers to the unprinted material. Our information does not release you from carrying out your own tests to check suitability for your application. We have no influence on the properties and durability of the inks; please also note the printer manufacturer's instructions. The data sheet is based on manufacturer information; Alphaset assumes no liability. Subject to technical changes and typesetting errors. Version September 2012.

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