

GRAFIPRINT LAMINATES

REFERENCE LAMS50UV

RELEASE 01.12.2020



DESCRIPTION

Grafiprint LAMS50UV is a special formula calendered transparent glossy PVC laminate with permanent adhesive. The laminate has been created for protecting digital prints that were made with UV-curable inks.

COMPOSITION

FILM

80µm special formula calendered transparent glossy PVC film.

ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

RELEASE LINER

Siliconised clay-coated paper of 120 g/m²

APPLICATION

Grafiprint LAMS50UV is perfectly suited for all indoor applications and long-term outdoor applications on non-corrugated surfaces.

→ INDOOR/OUTDOOR USE

PRODUCT ADVANTAGES

Will add enormously to the UV-resistance of prints made with UV-curable inks.

CORRESPONDING PRINT MEDIA

Grafiprint LAMS50UV is recommended for the protection of all special formula Grafiprint print media that are printed with UV-curable inks.

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

1	Thickness vinyl (1) Thickness vinyl + adhesive + release liner	(1) Average
2	Elongation at break (production length) (2) Elongation at break (cross)	(2) Minimum
3	Dimensional stability (3)	(3) Maximum
4	Adhesion strength after 20 minutes (4) Adhesion strength after 24 hours	(4) Average
5	Quickstick (5)	(5) Average
6	Max. outdoor life span (6)	(6) Central-European conditions
7	Temperature range during application Temperature range at use	
8	Colour back print	
9	Flammability If applied on aluminium, glass, steel = self-extinguishing	

TEST METHOD	RESULT
Din53370	80µm 220µm
Din53455	> 150% > 150%
Finat 14	< 0,50mm
Finat 1	14 N/25mm 18 N/25mm
Finat 9	12 N
-	3.5 to 5 years (vertical)
-	+10°C up to +35°C -15°C up to +60°C
-	Grey

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STORAGE INSTRUCTIONS

All Grafiprint materials always have to be stored in their original packing and with the original protection flanges (preferably vertically).

In order to avoid any loss of quality, the Grafiprint print film should be stored in suitable conditions, i.e. at a temperature between 10/20°C and a relative humidity of 50%. Under these conditions Grafiprint materials can be stored for a period of two years.

TIP

If the LAMS50UV laminate is heated to a temperature of 40°C during the laminating process, the “silvering” effect will disappear quicker.

COMPATIBILITY TESTS

Preceding compatibility tests are always advisable!

IMPORTANT

The information mentioned in this product data sheet is based upon tests that were executed by Grafityp, and that we consider to be reliable. The information always represents an average, a minimum or a maximum value, and should be considered as such. It is given only for your information, and does not give any guarantee. It is up to the end user to decide whether or not the product is suited for his particular application.

The expected outdoor life span refers to outdoor use under Central European conditions and to vertical applications. Non-vertical application can reduce the life span up to 50%. The expected life span of our films is based upon professional application on a dry, degreased and suitable background. Tropical conditions, or the use near chemical emission, may have a detrimental effect on the life span.

For more detailed information we also refer to our general “Grafiprint Warranty Certificate” and to our “General Terms and Conditions of Sale and Delivery”.

Subject to modifications.