

GRAFIPRINT LAMINATES

REFERENCE LAMPDF

RELEASE 01.09.2020



DESCRIPTION

Grafiprint LAMPDF is a glossy co-extruded PVDF (polyvinyl-difluoride) anti-graffiti laminate with permanent adhesive.

COMPOSITION

FILM

50µm glossy co-extruded polyvinyl-difluoride anti-graffiti film.

ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

RELEASE LINER

Siliconised clay-coated paper of 120 g/m²

APPLICATION

Grafiprint LAMPDF is, thanks to its excellent UV-block, extremely suited for outdoor use under the most extreme conditions. Especially created for protecting digital prints from stains, abrasion, scratches, UV-light and graffiti.

→ INDOOR/OUTDOOR USE

PRODUCT ADVANTAGES

- Good protection indoors as well as outdoors
- Adds enormously to the UV-resistance of your prints
- Excellent protection against graffiti and most chemical products/solvents

CORRESPONDING PRINT MEDIA

Grafiprint LAMPDF is recommended for the protection of all cast Grafiprint print media.

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

- 1 Thickness vinyl (1)
Thickness vinyl + adhesive + release liner
- 2 Elongation at break (production length) (2)
Elongation at break (cross)
- 3 Dimensional stability (3)
- 4 Gloss (Min/Max – measuring angle 20°)
- 5 Adhesion strength after 20 minutes (4)
Adhesion strength after 24 hours
- 6 Quickstick (5)
- 7 Max. outdoor life span (6)
- 8 Temperature range during application
Temperature range at use
Short period of exposure
- 9 Colour back print
- 10 Flammability
If applied on aluminium, glass, steel = self-extinguishing

(1) Average

(2) Minimum

(3) Maximum

(4) Average

(5) Average

(6) Central-European conditions

TEST METHOD

RESULT

Din53370	50µm 200µm
Din53455	> 27% > 27%
Finat 14	< 0,2mm
Din67530	20-30 GU (Gloss Units)
Finat 1	15 N/25mm 17 N/25mm
Finat 9	17 N
-	5-7 years (vertical)
-	+5°C up to +40°C -15°C up to +115°C Up to 175°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.

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.