

PRODUCT DATA SHEET

GRAFIPRINT LAMINATES

REFERENCE LAMPVF

RELEASE 17.01.2023

PROVISIONAL SPECIFICATIONS

GRAFITYP
makes you stick

DESCRIPTION

Grafiprint LAMPVF is a semi-gloss co-extruded PVF (polyvinyl-fluoride) **anti-graffiti** laminate with permanent adhesive.

APPLICATION

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

→ INDOOR/OUTDOOR USE

COMPOSITION

FILM

25µm semi-gloss co-extruded polyvinyl-fluoride anti-graffiti film.

ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

RELEASE LINER

Clay-coated paper of 125 g/m²

CORRESPONDING PRINT MEDIA

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

PRODUCT ADVANTAGES

- Good indoor and outdoor protection for your digital prints
- Contributes enormously to the UV resistance of your prints
- Extremely flexible (2D applications), so the material can also be used without any problems over rivets and other deformations
- Ideally suited for use in high-traffic areas, which require frequent cleaning and disinfection (hospitals, hotels, aeroplanes, public transport, etc.)
- Thanks to their special chemical composition, Grafiprint LAMPVF anti-graffiti films are very easy to clean. The PVC resin does not dissolve in a solvent at room temperature, does not absorb water and is not susceptible to attack by strong acids and alkalis, providing the highest level of resistance to chemicals, pollutants, corrosive agents, cleaners and disinfectants. The chemical resistance also prevents the penetration of stains and enables the removal of stains or graffiti from the surface without ghosting, using a wide range of cleaners and solvents
- The chemical resistance ensures that a wide variety of disinfectants can be used to kill bacteria, viruses, fungi and other pathogens
- Grafiprint LAMPVF anti-graffiti films do not support the growth of micro-organisms (such as mould, mildew, etc.), as the films do not contain a food source for these micro-organisms

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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	Adhesion strength after 20 minutes (4) Adhesion strength after 24 hours
5	Quickstick (5)
6	Max. outdoor life span (6)
7	Temperature range during application Temperature range at use
8	Colour back print
9	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	25µm 175µm
Din53455	> 110% > 110%
Finat 14	< 0,2mm
Finat 1	12 N/25mm 15 N/25mm
Finat 9	9 N/25mm
-	7 years (vertical)
-	+5°C up to +40°C -15°C up to +90°C
-	Grey

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 laminate 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.