

PRODUCT DATA SHEET

GRAFIPRINT LAMINATES

REFERENCE LAMPU38

RELEASE 01.12.2020

GRAFITYP
makes you stick

DESCRIPTION

Grafiprint LAMPU38 is a transparent glossy thermoplastic polyurethane laminate with permanent adhesive.

COMPOSITION

FILM

38µm transparent glossy thermoplastic polyurethane laminate.

ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

RELEASE LINER

Transparent release liner (112 g/m²)

APPLICATION

The ultra thin Grafiprint LAMPU38 thermoplastic polyurethane laminate has been developed especially for protecting prints made on Grafiprint PU50C comfort printing film and is suited for outdoor use under the most extreme conditions.

→ INDOOR/OUTDOOR USE

PRODUCT ADVANTAGES

- Very good protection indoors as well as outdoors
- Adds enormously to the UV-resistance of your prints
- Extremely thin – highly deformable

CORRESPONDING PRINT MEDIA

Grafiprint LAMPU38 is recommended for the protection of the Grafiprint print film PU50C.

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 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	38µm 170µm
Din53455	Not applicable Not applicable
Finat 14	< 0,1mm
Finat 1	7 N/25mm 8 N/25mm
Finat 9	7 N
-	5-6 years (vertical)
-	+10°C up to +35°C -25°C up to +80°C
-	Grey

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STORAGE INSTRUCTIONS

All Grafityp 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 Grafityp 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 Grafityp 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 "Grafityp Warranty Certificate" and to our "General Terms and Conditions of Sale and Delivery".

Subject to modifications.