

# GRAFIPRINT LAMINATES

## REFERENCE LAM230

RELEASE 01.09.2020



### DESCRIPTION

Grafiprint LAM230 is a polymeric calendered transparent satin PVC laminate with permanent adhesive.

### COMPOSITION

#### FILM

75µm polymeric calendered transparent satin PVC film.

#### ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

#### RELEASE LINER

Siliconised clay-coated paper of 120 g/m<sup>2</sup>

### APPLICATION

Grafiprint LAM230 is perfectly suited for all indoor applications and long-term outdoor applications on non-corrugated surfaces and under the most extreme conditions.

### → INDOOR/OUTDOOR USE

### PRODUCT ADVANTAGES

Good protection indoors as well as outdoors  
Adds enormously to the UV-resistance of your prints.

### CORRESPONDING PRINT MEDIA

Grafiprint LAM230 is recommended for the protection of all polymeric Grafiprint print media.

### PRODUCT SPECIFICATIONS

Technical properties

#### RELATIVE HUMIDITY

50 ± 5%

#### TEMPERATURE

23 ± 2°C

- | TEST METHOD   | RESULT                                     |
|---|--|
| 1 Thickness vinyl (1)<br>Thickness vinyl + adhesive + release liner           | Din53370<br>75µm<br>215µm                  |
| 2 Elongation at break (production length) (2)<br>Elongation at break (cross)  | Din53455<br>> 150%<br>> 150%               |
| 3 Dimensional stability (3)   | Finat 14<br>< 0,40mm                       |
| 4 Gloss (Minimum – measuring angle 60°)                                       | Din67530<br>25 GU (Gloss Units)            |
| 5 Adhesion strength after 20 minutes (4)<br>Adhesion strength after 24 hours  | Finat 1<br>16 N/25mm<br>20 N/25mm          |
| 6 Quickstick (5)  | Finat 9<br>10 N                            |
| 7 Max. outdoor life span (6)  | -<br>5 years (vertical)                    |
| 8 Temperature range during application<br>Temperature range at use            | -<br>+5°C up to +40°C<br>-15°C up to +90°C |
| 9 Colour back print   | -<br>Grey                                  |
| 10 Flammability<br>If applied on aluminium, glass, steel = self-extinguishing |  |
| 11 Fire rating<br>DIN EN 13501-1  |  |

(1) Average

(2) Minimum

(3) Maximum

(4) Average

(5) Average

(6) Central-European conditions

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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.