

# GRAFIPRINT LAMINATES

## REFERENCE LAM200UV

RELEASE 01.05.2020

**GRAFITYP**  
makes you stick

### DESCRIPTION

Grafiprint LAM200UV is a polymeric calendered transparent matt PVC laminate with permanent adhesive. The laminate has been created for protecting digital prints that were made with UV-curable inks.

### COMPOSITION

#### FILM

75µm polymeric calendered transparent matt PVC film.

#### ADHESIVE

Transparent permanent pressure-sensitive solvent based acrylic adhesive with a high resistance against UV-radiation, chemical products and humidity.

#### RELEASE LINER

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

### APPLICATION

Grafiprint LAM200UV is perfectly suited for all indoor applications and long-term outdoor applications under the most extreme conditions 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 LAM200UV is recommended for the protection of all polymeric Grafiprint print media that are printed with UV-curable inks.

### PRODUCT SPECIFICATIONS

Technical properties

#### RELATIVE HUMIDITY

**50 ± 5%**

#### TEMPERATURE

**23 ± 2°C**

- |  | TEST METHOD | RESULT            |
|--|-------------|-------------------|
| 1 Thickness vinyl  | Din53370    | 75µm              |
| Thickness vinyl + adhesive + release liner                 |             | 225µm             |
| 2 Elongation at break (production length)                  | Din53455    | > 150%            |
| Elongation at break (cross)                                |             | > 150%            |
| 3 Dimensional stability                                    | Finat 14    | < 0,40mm          |
| 4 Gloss (Maximum – measuring angle 85°)                    | Din67530    | < 20 Gloss Units  |
| 5 Adhesion strength after 20 minutes                       | Finat 1     | 16 N/25mm         |
| Adhesion strength after 24 hours                           |             | 20 N/25mm         |
| 6 Quickstick   | Finat 9     | 10 N              |
| 7 Outdoor life span  | -           | 5 years           |
| 8 Temperature range during application                     | -           | +5°C up to +40°C  |
| Temperature range at use                                   |             | -15°C up to +90°C |
| 9 Colour back print  | -           | Grey              |
| 10 Flammability  |             |                   |
| If applied on aluminium, glass, steel = self-extinguishing |             |                   |

#### TEST METHOD

#### RESULT

## PRODUCT DATA SHEET

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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 laminates 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.

### 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.

Subject to modifications.