

# GRAFIPRINT LAMINATES

## REFERENCE M011PUV

RELEASE 01.05.2020

# GRAFITYP

makes you stick

### DESCRIPTION

Grafiprint M011PUV is a monomeric 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

80µm monomeric calendered transparent matt PVC film.

#### ADHESIVE

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

#### RELEASE LINER

White clay-coated paper of 125 g/m<sup>2</sup>

### APPLICATION

Grafiprint M011PUV is perfectly suited for all indoor applications and short-term outdoor applications on non-corrugated surfaces.

### → INDOOR/OUTDOOR USE

### PRODUCT ADVANTAGES

Good protection indoors as well as outdoors.

### CORRESPONDING PRINT MEDIA

Grafiprint M011PUV is recommended for the protection of all print media of the Grafiprint M-series (monomeric) 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    | 80µm              |
| Thickness vinyl + adhesive + release liner                 |             | 230µm             |
| 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     | 13 N/25mm         |
| Adhesion strength after 24 hours                           |             | 20 N/25mm         |
| 6 Quickstick   | Finat 9     | 12 N              |
| 7 Outdoor life span  | -           | Up to 3 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 |             |                   |
| 11 Fire rating   |             |                   |
| DIN EN 13501-1   |             |                   |

#### 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.