

## PRODUCT DATA SHEET

# GRAFIPRINT LAMINATES

## REFERENCE SOL

RELEASE 01.09.2020

**GRAFITYP**  
makes you stick

### DESCRIPTION

Grafiprint SOL is a wear-resistant monomeric calendered transparent PVC laminate with a special antiskid coating and provided with a permanent adhesive.

### COMPOSITION

#### FILM

125µm wear-resistant monomeric calendered transparent PVC film with a special antiskid layer.

#### ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

#### RELEASE LINER

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

### APPLICATION

Grafiprint SOL was especially designed for prints that need to be applied on the floor. The floor graphic laminate is meant for indoor use. In case the laminate is used outdoors, the antiskid characteristics cannot be guaranteed due to wet conditions (e.g. when it rains). Please also be careful with indoor floor graphics that are wet.

### → INDOOR USE

### PRODUCT ADVANTAGES

Low slip risk in dry conditions (tested in accordance with British Standard 7976).

### CORRESPONDING PRINT MEDIA

Grafiprint SOL is recommended for the protection of all Grafiprint print media that need to be applied on the floor.

### PRODUCT SPECIFICATIONS

Technical properties

#### RELATIVE HUMIDITY

50 ± 5%

#### TEMPERATURE

23 ± 2°C

- |    |   |
|----|---|
| 1  | <b>Thickness vinyl (1)</b><br>Thickness vinyl + adhesive + release liner          |
| 2  | <b>Elongation at break (production length) (2)</b><br>Elongation at break (cross) |
| 3  | <b>Dimensional stability (3)</b>  |
| 4  | <b>Adhesion strength after 20 minutes (4)</b><br>Adhesion strength after 24 hours |
| 5  | <b>Quickstick (5)</b>   |
| 6  | <b>Max. outdoor life span (6)</b>   |
| 7  | <b>Temperature range during application</b><br>Temperature range at use           |
| 8  | <b>Colour back print</b>  |
| 9  | <b>Slip risk</b><br>In dry conditions   |
| 10 | <b>Flammability</b><br>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	125µm 270µm
Din53455	> 100% > 120%
Finat 14	< 1,00mm
Finat 1	18 N/25mm 23 N/25mm
Finat 9	7 N
-	1 to 2 years (vertical)
-	+5°C up to +40°C -20°C up to +70°C
-	Grey
BS7976	low slip risk

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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.

### OUTDOOR USE

The Grafityp floor graphic laminate can also be used for traditional vertical applications outdoors (not on the floor). In that case the expected life span amounts to 1 to 2 years. When used indoors, the expected life span amounts to several 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.

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.

### COMPATIBILITY TESTS

Preceding compatibility tests are always advisable!