

# GRAFITACK TRANSLUCENT SERIES

## TRANSLUCENT COLOURS



### REFERENCES TL1128 to TL1901

RELEASE 01.12.2020

#### DESCRIPTION

The Grafitack Translucent series is a polymeric calendered translucent PVC sign making film with permanent adhesive.

#### APPLICATION

The Grafitack Translucent series was developed for illuminated advertising, and can be used for numerous applications, such as on light boxes and on most flexible sign faces.

### → INDOOR/OUTDOOR USE

#### COMPOSITION

##### FILM

80µm polymeric calendered translucent PVC film.

##### ADHESIVE

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

##### RELEASE LINER

Siliconised white kraft paper of 120 g/m<sup>2</sup>.

#### PRODUCT ADVANTAGES

- The high UV-resistance of the film guarantees nice long lasting illuminated advertising.

#### PRODUCT SPECIFICATIONS

Technical properties

##### RELATIVE HUMIDITY

**50 ± 5%**

##### TEMPERATURE

**23 ± 2°C**

	TEST METHOD	RESULT
1 Thickness film (1)	Din53370	80µm
Thickness film + adhesive + release liner		220µm
2 Elongation at break (production length) (2)	Din53455	> 150%
Elongation at break (cross)		> 150%
3 Dimensional stability (3)	Finat 14	< 0,40mm
4 Adhesion strength after 20 minutes (4)	Finat 1	16 N/25mm
Adhesion strength after 24 hours		20 N/25mm
5 Quickstick (5)	Finat 9	11 N
6 Max. outdoor life span (6)	-	Adhesion: 7 years Colours: 5-7 years Gold & silver 3 years
7 Temperature range during application	-	+10°C up to +40°C
Temperature range at use		-15°C up to +80°C
8 Flammability		
If applied on aluminium, glass, steel = self-extinguishing		

(1) Average (2) Minimum (3) Maximum (4) Average (5) Average (6) Central-European conditions

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### STORAGE INSTRUCTIONS

All Grafitack 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 Grafitack materials should be stored in suitable conditions, i.e. at a temperature between 10/20°C and a relative humidity of 50%. Under these conditions Grafitack materials can be stored for a period up to two years.

### SURFACE CLEANING

In order to achieve an optimal result, we advise you to clean/degrease the surface with isopropanol and/or to use a low-tack application tape!

### VINYL COLOUR

As the colour of the film can differ slightly for each production run, we advise you not to use films with different batch numbers in one single and critical job. The number to be taken into consideration for this purpose consists of the first 5 numbers of the 7-digit batch number.

### 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 outdoor 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 information, see our warranty certificates.

Subject to modifications.