

PRODUCT DATA SHEET

GRAFITACK 200/300AE SERIES GLOSSY COLOURS

REFERENCES 1210AE up to 1332AE

RELEASE 01.12.2020



DESCRIPTION

The Graitack 200/300AE series (glossy) is a polymeric calendered PVC film with air escape adhesive technology.

APPLICATION

The Graitack 200/300AE series was developed for all outdoor applications of up to 7 years when applied on a flat, unribbed background, such as sign making on cars, boats and trucks, for decoration of shop windows and advertisement boards. It is also perfect for everyday advertising indoors and outdoors.

COMPOSITION

FILM

75µm glossy polymeric calendered PVC film.

ADHESIVE

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

RELEASE LINER

Embossed white clay-coated paper of 145 g/m², giving the film an AIR ESCAPE effect.

→ INDOOR/OUTDOOR USE

PRODUCT ADVANTAGES

- Air escape technology, for easy and quick application.
- Sparkling colours, guaranteeing a magnificent end result.

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

- | | TEST METHOD | RESULT |
|--|-------------|---------------------------------------|
| 1 Thickness film (1)
Thickness film + adhesive + release liner | Din53370 | 75µm
280µm |
| 2 Elongation at break (production length) (2)
Elongation at break (cross) | Din53455 | > 150%
> 150% |
| 3 Dimensional stability (3) | Finat 14 | < 0,40mm |
| 4 Adhesion strength after 20 minutes (4)
Adhesion strength after 24 hours | Finat 1 | 13 N/25mm
16 N/25mm |
| 5 Quickstick (5) | Finat 9 | 9 N |
| 6 Max. outdoor life span (6) | - | up to 7 years |
| 7 Temperature range during application
Temperature range at use | - | +5°C up to +40°C
-15°C up to +60°C |
| 8 Flammability
If applied on aluminium, glass, steel = self-extinguishing | | |

TEST METHOD

RESULT

Din53370	75µm 280µm
Din53455	> 150% > 150%
Finat 14	< 0,40mm
Finat 1	13 N/25mm 16 N/25mm
Finat 9	9 N
-	up to 7 years
-	+5°C up to +40°C -15°C up to +60°C

(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.