

PRODUCT DATA SHEET

GRAFITACK 100 SERIES GLOSSY COLOURS

REFERENCES 1160 to 1195

RELEASE 01.12.2020



DESCRIPTION

The Graftack 100 series is a monomeric calendered PVC sign making film with permanent adhesive.

APPLICATION

The Graftack 100 series was developed for short and medium term outdoor applications (3 to 5 years) when applied on a flat background. Suitable for commercial use on shop windows, party decorations, seasonal offers, publicity panels, etc... The Graftack 100 series can also be used for many kinds of indoor applications, such as sign making in shops, at trade shows, in warehouses, etc...

→ INDOOR/OUTDOOR USE

COMPOSITION

FILM

75µm glossy monomeric calendered 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/m².

PRODUCT ADVANTAGES

- Excellent flexibility and can be peeled perfectly.
- Ref. 1181 comes with a coloured silicone layer to make peeling easier.

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

- | | |
|---|--|
| 1 | Thickness film (1) |
| | Thickness film + adhesive + release liner |
| 2 | Elongation at break (production length) (2) |
| | Elongation at break (cross) |
| 3 | Dimensional stability (3) |
| 4 | Adhesion strength after 20 minutes (4) |
| | Adhesion strength after 24 hours |
| 5 | Quickstick (5) |
| 6 | Max. outdoor life span (6) |
| 7 | Temperature range during application |
| | Temperature range at use |
| 8 | Flammability |
| | 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	75µm 240µm
Din53455	> 150% > 150%
Finat 14	< 1,00mm
Finat 1	16 N/25mm 20 N/25mm
Finat 9	7 N
-	5 years (black and white) 3-5 years (colours) Adhesion 5 years
-	+5°C up to +40°C -15°C up to +70°C

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STORAGE INSTRUCTIONS

All Graftack 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 Graftack 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 Graftack 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 Graftyp, 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.

PRODUCT DATA SHEET

GRAFITACK 100 SERIES MATT COLOURS

REFERENCES 1100 to 1129

RELEASE 01.12.2020



DESCRIPTION

The Graftack 100 series is a monomeric calendered PVC sign making film with permanent adhesive.

APPLICATION

The Graftack 100 series was developed for short and medium term outdoor applications (3 to 5 years) when applied on a flat background. Suitable for commercial use on shop windows, party decorations, seasonal offers, publicity panels, etc... The Graftack 100 series can also be used for many kinds of indoor applications, such as sign making in shops, at trade shows, in warehouses, etc...

→ INDOOR/OUTDOOR USE

COMPOSITION

FILM

75µm matt monomeric calendered 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/m².

PRODUCT ADVANTAGES

- Excellent flexibility and can be peeled perfectly.
- Ref. 1100 and 1101 come with a coloured silicone layer to make peeling easier.

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

- 1 Thickness film (1)
Thickness film + adhesive + release liner
- 2 Elongation at break (production length) (2)
Elongation at break (cross)
- 3 Dimensional stability (3)
- 4 Adhesion strength after 20 minutes (4)
Adhesion strength after 24 hours
- 5 Quickstick (5)
- 6 Max. outdoor life span (6)

- 7 Temperature range during application
Temperature range at use

- 8 Flammability
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	75µm 240µm
Din53455	> 150% > 150%
Finat 14	< 1,00mm
Finat 1	16 N/25mm 20 N/25mm
Finat 9	7 N
-	5 years (black and white) 3-5 years (colours) Adhesion 5 years
-	+5°C up to +40°C -15°C up to +70°C

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REFERENCES 1100 to 1129

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