PRODUCT DATA SHEET

GRAFITACK
ETCHED GLASS FILM

REFERENCE TR103

RELEASE 26.04.2024

GRAFITYP
makes you stick

DESCRIPTION

Grafitack etched glass film TR103 is a silverish polymeric calendered PVC film with permanent adhesive.

APPLICATION

Grafitack etched glass film TR103 enables you to create the most stunning decorations on mirrors, glass doors, shop windows, etc… The film is preferably applied wet.

→ INDOOR/OUTDOOR USE

COMPOSITION

FILM
80µm polymeric calendered silverish PVC film.
ADHESIVE
Permanent pressure-sensitive solvent-based acrylic adhesive with a high resistance against UV-radiation, chemical products and humidity.
RELEASE LINER
Clay-coated kraft paper of 120 g/m².

PRODUCT ADVANTAGES

- Less expensive alternative to sandblasting.
- Clean removal.

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	80µm 225µm
2	**Elongation at break (production length) (2)** **Elongation at break (cross)**	Din53455	> 200% > 200%
3	**Dimensional stability (3)**	Finat 14	< 0,20mm
4	**Adhesion strength after 20 minutes (4)** **Adhesion strength after 24 hours**	Finat 1	12 N/25mm 15 N/25mm
5	**Quickstick (5)**	Finat 9	13 N
6	**Max. outdoor life span (6)**	-	Up to 5 years
7	**Temperature range during application** **Temperature range at use**	-	+10°C up to +40°C -15°C up to +90°C

8 **Flammability**
If applied on aluminium, glass, steel = self-extinguishing

9 **Fire rating**
DIN EN 13501-1

(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.

MATERIAL PROCESSING

For a uniform appearance, wet application is recommended.

SEVERAL STRIPS

If several strips of TR film are applied next to each other, they always have to be applied in the same direction.

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.