PRODUCT DATA SHEET

GRAFITACK
ETCHED GLASS FILM

REFERENCE EFTRx01

RELEASE 01.05.2020

GRAFITYP
makes you stick

DESCRIPTION

Grafitack etched glass film EFTRx01 is a matt pvc-free polyolefine-based **G**rafityp **E**cology **F**ilm (GEF), without chlorine or plasticizers.

APPLICATION

Grafitack etched glass film EFTRx01 enables you to create the most stunning decorations on mirrors, glass doors, shop windows, etc… The film is suited for DRY application only. The film is meant for indoor use.

→ INDOOR USE

COMPOSITION

FILM
100µm matt ecological pvc-free film.
ADHESIVE
Removable pressure-sensitive dispersion-based acrylic adhesive with a high resistance against UV-radiation, chemical products and humidity.
RELEASE LINER
Structured double-sided PE-coated paper of 145 g/m², giving the film an air escape effect.

PRODUCT ADVANTAGES

- Ecological alternative to sandblasting (no chlorine, no plasticizers).
- No chlorine gas is released when incinerated.
- Extremely flexible.
- Hardly any shrinkage.
- Easy and quick application, thanks to the air escape technology.

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	100µm 270µm
2	**Elongation at break (production length) (2)** **Elongation at break (cross)**	Din53455	> 500% > 500%
3	**Dimensional stability (3)**	Finat 14	< 0,20mm
4	**Gloss (Maximum – measuring angle 60°)**	Din67530	< 35 Gloss Units
5	**Adhesion strength after 20 minutes (4)** **Adhesion strength after 24 hours**	Finat 1	5 N/25mm 8 N/25mm
6	**Quickstick (5)**	Finat 9	5 N
7	**Max. outdoor life span (6)**	-	Not applicable
8	**Temperature range during application** **Temperature range at use**	-	+5°C up to +40°C -15°C up to +90°C
9	**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.

REMOVAL

If you wish to remove the film, we advise you to use a heat gun. If any glue residues stay behind on the glass surface after taking off the film, you can simply remove them by moistening them with soap-water. Leave this to soak in for a couple of minutes, and then chip it off by means of a steel scraper (also used for removing paint stains).

END OF LIFE

By the end of the pvc-free film's life span, small cracks may appear in the polymeric layer, as a result of which the film can no longer be removed in one piece.

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.