

PRODUCT-BULLETIN

GRAFITACK

GEF Series



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PROVISIONAL BULLETIN

Description

Grafitack GEF series is a soft, environment-friendly **G**rafityp **E**cology **F**ilm, free of chlorine and plasticizers, provided with a water-based pressure-sensitive permanent acrylic adhesive. This adhesive is protected by a high-quality silicone paper. The backing paper comes with a purple back print, to make the film well recognisable.

Characteristics

- ◆ Finish : glossy or matt.
- ◆ High opacity.
- ◆ Very good resistance against weather influences, with an outdoor life expectancy of 4 to 5 years (on even surfaces, for vertical applications and under Central-European conditions).
- ◆ With an adjusted knife pressure, the film can be cut smoothly on all standard cutting plotters
- ◆ Thanks to its special composition, GEF films are ideal for sign making on plexi and polycarbonate
- ◆ Simple cleaning

Application

The Grafitack GEF series has been developed especially for outdoor applications (4 to 5 years) on an even surface (e.g. advertising on shop windows, party decorations, season offers, construction pannels, etc...). In addition, the Grafitack GEF series can be used for all possible indoor applications, such as signmaking in stores and at trade shows, in warehouses, etc... Unlike PVC, GEF can also be used without any air bubbles on most polycarbonates and polystyrenes.

→ *Other applications in close consultation with Grafityp !*

Limitations

The limitations are mentioned in the respective technical data sheet, of which you can find the most recent version on the Grafityp website. (www.grafityp.com)

Warranty

Please consult the general Grafitack & Graficast Warranty Certificate for detailed warranty declarations of the Grafitack GEF series. The most recent version of this warranty certificate will be available on the Grafityp website (www.grafityp.com).

Mounting Instructions

Grafityp provide trainings, enabling the customer to mount the Grafityp films in a professional and skilled way.

Detailed directives and tips can also be found in the GrafManual and on www.grafityp.com.

Available References

The Grafitack GEF films are available in the following colours :

Reference	Colour (glossy)	Reference	Coulour (matt)
GEF01*	white glossy	GEFM01	white matt
GEF80	black glossy	GEFM80	black matt
GEF05	ivory glossy	GEFM05	ivory matt
GEF11	sulphure yellow glossy	GEFM11	sulphure yellow matt
GEF13	shell yellow glossy	GEFM13	shell yellow matt
GEF15	yellow glossy	GEFM15	yellow matt
GEF17	gold yellow glossy	GEFM17	gold yellow matt
GEF22	pastel orange glossy	GEFM22	pastel orange matt

GEF25	light orange glossy	GEFM25	light orange matt
GEF26	orange glossy	GEFM26	orange matt
GEF31	orange red glossy	GEFM31	orange red matt
GEF33	light red glossy	GEFM33	light red matt
GEF35	red glossy	GEFM35	red matt
GEF37	dark red glossy	GEFM37	dark red matt
GEF38	deep red glossy	GEFM38	deep red matt
GEF40	light blue glossy	GEFM40	light blue matt
GEF42	azure blue glossy	GEFM42	azure blue matt
GEF44	traffic blue glossy	GEFM44	traffic blue matt
GEF46	brilliant blue glossy	GEFM46	brilliant blue matt
GEF48	royal blue glossy	GEFM48	royal blue matt
GEF49	dark blue glossy	GEFM49	dark blue matt
GEF50	turquoise glossy	GEFM50	turquoise matt
GEF52	lemon green glossy	GEFM52	lemon green matt
GEF53	yellow green glossy	GEFM53	yellow green matt
GEF54	grass green glossy	GEFM54	grass green matt
GEF55	light green glossy	GEFM55	light green matt
GEF56	medium green glossy	GEFM56	medium green matt
GEF57	green glossy	GEFM57	green matt
GEF59	dark green glossy	GEFM59	dark green matt
GEF63	light brown glossy	GEFM63	light brown matt
GEF66	dark brown glossy	GEFM66	dark brown matt
GEF73	light grey glossy	GEFM73	light grey matt
GEF76	medium grey glossy	GEFM76	medium grey matt
GEF77	grey glossy	GEFM77	grey matt
GEF90	silver glossy	GEFM90	silver matt

* white adhesive

Product Characteristics

A detailed overview of the product characteristics can be found on the respective technical data sheet, of which you can always find the most recent version on the Grafityp website (www.grafityp.com).

Storage Instructions

All Grafitack materials always need to be stored in their original packing and with the original protection flanges (and preferably stored vertically).

In order to avoid any loss of quality, the Grafitack materials should also be stored in suitable conditions, that is at a temperature between 10 and 20°C and a relative humidity of 50 %.

Under these conditions the Grafitack materials materials can be stored up to two years.

Cleaning and Maintenance

- ◆ Once the films have been mounted, they can immediately be cleaned with a dust cloth or a slightly moist cloth.
- ◆ Once the film has reached its optimal adhesive strength, the surface can be cleaned under normal conditions. Please take the following guidelines into consideration :
 - Don't use any scouring cleaning agents.
 - Don't use any cleaning agents that contain strong solvents or alcohol.
 - Don't use cleaning agents with a pH value between 3 and 11.
 - Brushes of a car wash can leave behind scratches on the vinyl.
- ◆ Dirt that is hard to remove, such as dead insects, resin, etc..., needs to be removed immediately. The best result is achieved with warm water and a soapy solution. Don't use any aggressive or scouring cleaning agents.

More detailed information can be found in the GrafiManual.

Removal

- ◆ Graftack GEF films can be removed without leaving behind any glue by using a heat gun, on condition that the life span mentioned has not expired yet.
- ◆ If the life span of the film has expired, the adhesive can be removed with isopropanol.
- ◆ If the film is removed from an underlying film, it is possible that the underlying film gets damaged.

More detailed information can be found in the GrafiManual.

Remarks

Overlaps on GEF (PVC on GEF and/or GEF on GEF) can lead to lower adhesive strength values.

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.

The backing paper of the GEF series is sensitive to water, and shall in no case be exposed to humidity. After getting in contact with water, the backing paper may tear or split. That is why we advise you to remove the backing paper completely if you wish to apply the GEF films wet.

After about one and a half to two years, the glossy GEF films can get a matting effect. By the end of the GEF film's life span, small cracks can appear in the polymeric layer, as a result of which the film can no longer be removed in one piece.

If the black GEF films are applied wet on glass, the adhesive may in some cases turn white. This phenomenon will disappear automatically as soon as the adhesive is completely dry.

Important

The information mentioned in this product bulletin 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 only given for your information, and does not give any guarantee. Grafityp cannot be held responsible for any damage, either direct or indirect, resulting from the use of the film. It is up to the user to decide whether or not the product is suited for his particular application.

Technical Service

If you have any technical questions with regard to the Graftack films you can always contact our technical department :

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