

## PRODUCT-BULLETIN

# GRAFIPRINT LAMINATES GEF FILMS



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**PROVISIONAL BULLETIN**

## Description

Grafiprint GEF laminates are environment-friendly soft transparent polyolefine-based films, provided with a pressure-sensitive permanent water-based acrylic adhesive. The adhesive is protected by a high quality silicone paper. This seamless laminate has been developed especially for protecting digital prints.

## Characteristics

- ◆ Finish: transparent glossy, transparent matt, transparent satin
- ◆ Thanks to their excellent quality, these laminates are, in combination with Grafiprint print media, extremely suited for all kinds of applications on an even surface.
- ◆ In combination with the Grafiprint print media, the end product has an outdoor life expectancy of 3.5 to 5 years (if applied correctly, for vertical applications, under Central-European conditions)
- ◆ Simple cleaning
- ◆ Good chemical resistance

## Application

Grafiprint GEF laminates have been developed especially to be used in combination with Grafiprint print media, and meet the modern requirements of printed applications. The material is perfectly suited for all even surfaces.

→ *Other applications in close consultation with Grafityp !*

## Limitations

Limitations are mentioned for each product separately in the respective technical data sheets, of which you can find the most recent version on the Grafityp website ([www.grafityp.com](http://www.grafityp.com)).

## Warranty

Please consult the General Grafiprint Warranty Certificate for detailed warranty declarations of the Grafiprint laminates. The most recent version of this warranty certificate will be available on the Grafityp website ([www.grafityp.com](http://www.grafityp.com)).

## Mounting Instructions

- ◆ Allow the printed media to dry and degas for 24 to 48 hours (or even longer, depending on the amount of ink used) before laminating them.
- ◆ Grafiprint laminates need to be applied on a print by means of a laminator.
- ◆ Allow the laminated film to rest for at least 24 hours, so it can reach its maximum adhesive strength between the laminate and the print. The laminated film can be applied on the substrate after this period of time.

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

Detailed directives and tips can also be found in the GrafiManual and on [www.grafityp.com](http://www.grafityp.com)

## Available References

Grafiprint GEF laminates are available in the following versions :

Product reference	Description	Thickness film (DIN 53370)*	Thickness film+glue+paper (DIN 53370)*
LAM121	Transparent matt	70 µm	210 µm
LAM130	Transparent satin	70 µm	210 µm
LAM170	Transparent glossy	70 µm	210 µm

\* The thickness of the Grafiprint laminates may vary slightly. The values mentioned are average values, obtained from a series of measurements.

## Product Characteristics

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

## Storage Instructions

All Grafiprint 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 Grafiprint 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 Grafiprint 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 (after a couple of days), 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.

## Removal

- ◆ Grafiprint laminates are always removed together with their underlying film.
- ◆ If the film is separated from an underlying film, the underlying print will most probably get damaged.

## 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 Grafiprint films you can always contact our technical department :

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