

GRAFIPRINT PRINT MEDIA FOR LARGE FORMAT PRINTING

REFERENCE GEF822SHT

RELEASE 10.06.2025 – PROVISIONAL SPECIFICATIONS



DESCRIPTION

Grafiprint GEF822SHT is an ecological, pvc-free white glossy GEF (Grafityp Ecology Film), which was developed to be used on latex and UV printers. The chlorine- and plasticizer free film comes with a water based super high tack adhesive. The film is perfectly suited for low surface energy (a-polar) surfaces.

COMPOSITION

FILM

100µm white glossy pvc-free polyolefine film.

ADHESIVE

Transparent super high tack pressure-sensitive water-based acrylic adhesive.

RELEASE LINER

Double-sided PE-coated paper of 145 g/m²

APPLICATION

Grafiprint GEF822SHT is perfectly suited for all indoor applications and medium-term outdoor applications. It has been developed especially for application on low surface energy substrates, like e.g. polypropylene, polyurethane, polyethylene and ABS plastics. It can also be used on rough or slightly structured surfaces.

→ INDOOR/OUTDOOR USE

PRODUCT ADVANTAGES

- Suited for apolar surfaces
- Good print quality
- Good adhesion on various surfaces
- Perfectly safe when used indoors and contributes to a clean and safe living environment.

CORRESPONDING LAMINATES

Grafiprint GEF822SHT is preferably laminated with one of the following Grafiprint laminates:

- Grafiprint LAM121, LAM130 or LAM171

PRODUCT SPECIFICATIONS

Technical properties

RELATIVE HUMIDITY

50 ± 5%

TEMPERATURE

23 ± 2°C

- 1 Thickness film (1)
Thickness film + adhesive + release liner
- 2 Weight film
Weight film + adhesive + release liner
- 3 Dimensional stability (2)
- 4 Adhesion strength after 20 minutes on glass (3)
Adhesion strength after 24 hours on glass
- 5 Quickstick on glass (4)
- 6 Max. outdoor life span (unprinted) (5)
- 7 Temperature range during application
Temperature range at use
- 8 Flammability
If applied on aluminium, glass, steel = self-extinguishing
- 9 Fire rating
DIN EN 13501-1

(1) Average

(2) Maximum

(3) Average

(4) Average

(5) Central-European conditions (vertical)

TEST METHOD

RESULT

ISO 4593	100µm 280µm
-	95 g/m ² 275 g/m ²
Finat 14	< 0,1mm
Finat 1	18 N/25mm (on HDPE 18 N/25mm) 22 N/25mm (on HDPE 20 N/25mm)
Finat 9	14 N (on HDPE 12 N)
-	3-4 years (laminated 5 years)
-	+5°C up to +40°C -15°C up to +90°C

PRODUCT DATA SHEET

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STORAGE INSTRUCTIONS

All Grafiprint 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 Grafiprint print film should be stored in suitable conditions, i.e. at a temperature between 10/20°C and a relative humidity of 50%. Under these conditions Grafiprint materials can be stored for a period of two years.

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.

LAMINATING

A Grafiprint laminate, which is always necessary in case the print will be exposed to mechanical friction, can prolong the life span considerably, and can give the print a high-gloss or matt effect.

REMARK

Polyolefin-based films tend to curl after printing at elevated temperatures. The material is therefore preferably rolled up immediately via the printer's roll-up mechanism.

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, and only applies to the used film and adhesive. This does not give any guarantee for the life span of a print, as it depends on too many factors, such as the inks. Non-vertical application can reduce the life span up to 50%. The expected 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.

As the quality of your print does not only depend on the Grafiprint medium, but also on various other factors (such as the printer, the inks, the print software, the ICC profile, the ambient temperature, the air humidity, etc...), Grafityp cannot guarantee or be held responsible for the eventual print result. Subject to modifications.