

# GrafiTack

## High Quality Sign Vinyl



### UK-REF. 200/300 Premium Polymeric Series

---

#### Description

GrafiTack 200/300 series is a soft premium polymeric cadmium free calendared PVC film. It has been especially developed by Grafityp for all types of graphic applications where an opaque sign vinyl product with a consistent performance and the highest quality is required. The 75-micron thickness film allows for easy application onto various suitable surfaces. It is supplied on a high-quality backing sheet liner with a solvent pressure sensitive adhesive. Manufactured by Grafityp in Europe to the highest standards.

#### Application

- Suitable for use with all cutting plotters
  - Always do a test cut to check cutting pressure
  - Apply with wet or dry application
  - The perfect choice for all indoor applications requiring a high-quality high-performance sign vinyl product
  - Perfect for intermediate to longer term outdoor applications up to 8 years \*
- 

#### Product Specification

Technical properties tested at a relative humidity of  $50 \pm 5$  % and a temperature of  $23 \pm 2$ °C.

##### Vinyl

Film: Monomeric Calendared PVC 75 microns  
Film including backing sheet and glue 240µ  
Elongation at break 140% max

##### Adhesive

Solvent based acrylic adhesive  
Adhesive strength at 20min 13N/25mm  
Adhesive strength at 24 hours 16N/25mm  
Quickstick strength 9N

##### Finish

Gloss finish

##### Warranty Conditions.

UK based type climate  
Application variations may alter durability

##### Animal Derived Ingredients

None - this product is Vegan

##### Durability

2-year shelf life (stored correctly)  
Up to 8-year external durability

##### Flammability

Self-extinguishing when applied to aluminium  
REACH and RoHS compliant

##### Available sizes

1220mm x 5m increments  
610mm x 5m increments  
500mm x 5m increments  
305mm x 5m increments

##### Application temperature

+10°C to +35°C in application  
-15°C to +60°C in use

---

**Storage:** 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 media should also be stored in suitable conditions, that is at a temperature between 10 and 20°C, and a relative humidity of 50 %.

**Warranty:** Grafityp UK warrants that materials used will remain in expected condition without excessive dis-colouration for the specified lifetime of vinyl used, if used in accordance with the conditions and guidelines given in the zone life expectancy pdf. Durability is based on vertical application under normal UK and Northern European type conditions. If this should not be the case Grafityp will provide sufficient replacement materials to allow replacement of the original work. The user is responsible in ensuring that the materials are handled and stored as per specification, it is the user's responsibility to insure the product is suitable for the desired application. Grafityp does not and will not except any consequential loss or damage and will not provide support for any material misuse or negligence.

All the above data is given in good faith. The seller will not be liable for any damages in excess of the original purchase price nor any consequential or incidental loss.

## Expected Durability of Grafityp Films

---

### Introduction

The life or durability of Grafityp films are shown as the expected performance of the products when used under normal conditions considering variables such as Geographical location, altitude, vertical exposure etc. Within the below document we have used typical exposure for an expected vertical application under Zone one climate type conditions. *(Zone one contains the UK along with other countries of a similar geographical positions and climate type)*

We refer just to the materials supplied unmodified and not to any subsequent \*inks or additions to the base material. We depict that the material will remain in a satisfactory condition and effective for the initial required application to the stated durability expected.

(\* For ink life expectancy please refer to the ink manufacturer technical specification)

---

### Reduction in durability

There are several factors that can reduce the specified life expectancy of any exterior film. The life of all materials is based on a vertical application, anything other than this can be of detriment to the materials used. Therefore, vertical application is classed as anything up to 10 degrees off vertical. For any application of more than +10 degrees off vertical the life expectancy will be dramatically reduced in most cases by x 0.5. Graphics applied at near horizontal application and/or southerly facing exposure are widely regarded as at high risk of degradation and therefore reduced in life expectancy dramatically in most normal applications.

---

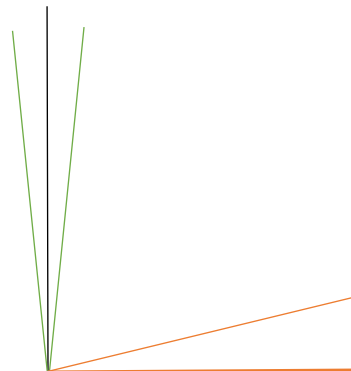
Exposure angles greater than from vertical 10 degrees will affect the durability of films.

Applications of greater than 70 degrees are treated the same as full horizontal applications

Grafityp Laminates may help on Printed media

The more a graphic vies away from vertical the more potential damaging exposure it is subject to.

The altitude and even the levels of pollution in the area are also factors that can contribute to the expected durability of a film being reduced.



### Conversion factors by area:

**Zone One.** The expected life within this zone is:  
Vertical application (as per TDS sheet)

Expected durability is the reference for jobs applied in the horizontal position located in the zone 1 geographical group. The actual performance can be affected by a variety of outside factors including but not limited to, the substrate, the angle of application and direction of exposure, the application method and the surrounding environment. The expected external durability shown in the relevant specification sheet is the period that the product should, but is not warranted to, last when applied in a manner conforming to our reference. The time shown is the expected life of the product, is not a minimum life expectancy when applied under normal type conditions