

GRAFTYP

makes you stick



Manual

Wrapping with slide & wrap films

grafityp.com

WHAT IS GRAFIWRAP ?

GrafiWrap is the registered trade name for Grafityp materials that are used for “wrapping” a vehicle. This can be either the combination of a white cast Grafiprint print vinyl combined with a transparent cast Grafiprint laminate, or a GrafiWrap Automotive & Deco (AMD) film.

WHAT IS SLIDE & WRAP ?

The latest generation of GrafiWrap films comes with a special adhesion technology. The most important characteristics of this technology are :

- low initial tack
- high final adhesion
- good slideability
- good repositionability

Thanks to these product features, wrapping has never been easier and/or faster.

WHICH FILMS COME WITH THE SLIDE & WRAP TECHNOLOGY ?

At this very moment, the following Grafityp films come with the “Slide & Wrap” technology :

- Grafiprint GT38SL (white glossy cast PVC film – air escape adhesive)
- GrafiWrap AMD film Ex63

Other Grafityp films will follow gradually.

FULL COLOUR PRINTS - PREPARATION

Full colour prints are printed on a cast Grafiprint PVC film and laminated with a cast Grafiprint PVC laminate.

Before the laminating process takes place, the print should be allowed to fully dry for at least 48 hours. In case the print contains a lot of black areas, a drying period of 72 hours is recommended. This will ensure that all solvent gases have evaporated and is commonly known as “gassing off”. Not adhering to these guidelines can affect the product characteristics considerably and finally result in failure of the material.

PREPARING A VEHICLE

First of all, you have to be absolutely sure that the laquer of the vehicle has completely cured. In case of a new vehicle, this is no problem. If the vehicle has been repainted recently, a 6 week waiting period is absolutely required. If the laquer has not cured sufficiently, this could result in paintwork peeling off at the removal stage (during the application process as well as afterwards).

The vehicle should be cleaned a day in advance of wrapping (by hand or in the car wash, but without using wax). Why a day in advance ? So that you can be completely sure that everything is completely dry and no water will run out from the rubber trims or the indents. We use isopropanol, ethanol or "Rapid Prep" for degreasing the vehicle. Pay special attention to deep recesses. A tissue wiped over a small area and discarded after short use will prevent silicones being moved around.

TIP : For degreasing areas that are hard to reach, please use a bit of isopropanol, ethanol or "Rapid Prep" on a cotton bud.

PS : When using a cleaning agent, please always follow the safety instructions, e.g. wearing a mask, gloves, ...

TOOLS OF THE TRADE

- soft or protected squeegee (squeegee with a felt strip or felt squeegee)
- scalpel (cutter)
- heat gun with regulatory air pressure and temperature
- soft, clean, fluff-free gloves (GLOVE1)
- good, non-aggressive degreasing agent and/or silicone remover
- isopropanol, ethanol or "Rapid Prep"
- cleaning cloths (of which the cleaning agent is not solvent based)

ENVIRONMENT

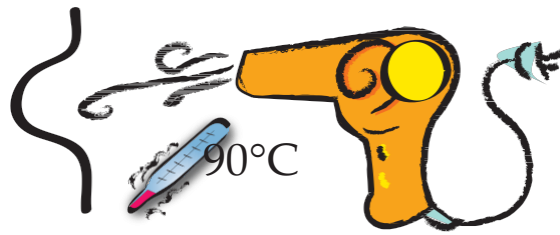


The ideal environment for wrapping is a well illuminated, dust free area with a constant temperature between 17°C and 24°C. The vinyl used should also have acclimatized sufficiently. The preparation of the vehicles includes the removal of number plates, window rubbers, mirrors, the antenna, etc...

TEMPERATURE SETTINGS HEAT GUN

Please pay attention to the temperature settings of your heat gun during the application process:

- for small sections : 250°C
- for large surfaces : between 450°C and 600°C
- for after-heating : 350°C



If you need to heat large surfaces, always make sure that the print is not heated too quickly. You can also use a heat lamp to make the vinyl smoother.

APPLICATION

GrafiWrap films are always applied DRY.

The piece of vinyl needs to be large enough to go beyond the seam towards which you are working. Please check before you remove the backing paper.

Now remove the backing paper and place the vinyl on the vehicle. Thanks to the "Slide & Wrap" technology you can slide the film over the surface with ease, which allows you to (re)position it exactly as you like.

Then start fixating the vinyl. Always start in the middle of the area to be wrapped, and apply the vinyl towards one side. If the vinyl is not positioned the way you want it to be, you can easily pull it off again, thanks to the "slide & wrap" technology, and reposition it.

Always heat the vinyl slowly (making circular movements) to make it smooth and to avoid any tension in the vinyl. You can do so with a heat gun or with a heat lamp. Always heat a larger part than the one you are about to apply (also the part that you are holding in your hand) to avoid that the vinyl will tear. Then stretch the vinyl over the surface and press it slightly. Once the vinyl is stretched over the complete surface, you can start rubbing it more firmly.

A detailed explanation of the standard application method of wrapping films can be found in :

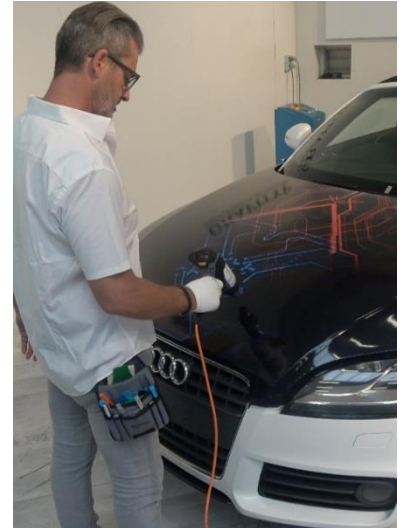
- Manual 2 – Wrapping with Grafiprint cast films (www.grafityp.com/handleidingenUK.html)
- Manual 3 – Wrapping with cast AMD films (www.grafityp.com/handleidingenUK.html)
- Video "Tips & Tricks" (www.grafiwrap.com/tips.html)

GrafiWrap "Slide & Wrap" films are applied in an identical way as described in the above-mentioned manuals. The only difference is the FINAL FINISH.

To make sure these films reach their high final adhesion, you have to

heat them again after the wrapping process, without rubbing them again.

This can be done with a heat gun or with a heat lamp. The car body should be heated up to a temperature of 70 to 90 °C).



REMOVAL

GrafiWrap "Slide & Wrap" films can be removed again just as easily as they were applied. In order to re-activate the adhesive, you just have to heat the vinyl again by means of a heat gun ($\pm 350^{\circ}\text{C}$ on the display). The heated vinyl will become smooth again, and you will be able to remove it in no time, without leaving behind any adhesive residue. After doing so, the vehicle will be back to its original states, as it was before the wrap.

OUR COMPLETE RANGE OF SOLUTIONS

Signmaking vinyls		Wrapping films	
Monomeric	Cast	Standard	
Promo-series	Graficast series	Glossy Polymeric Wrap	
100-series	Non-PVC	Matt Polymeric Wrap	
Polymeric	GEF series	Matt Super Cast	
200/300 series	Translucent	Gloss Super Cast	
	TL series	Protective	
	Etched glass films	Paint protection film	
		Decorative	
		Leather	
		Pearl	
		Colour wave	
		Metallic	
		Matt	
		Satin	
		Brushed	
		Carbon	
		Stardust	
		Flock	

Print media	
Monomeric	Special formula
Polymeric	Non-PVC
Cast	Wall deco

Laminates	
Monomeric	Special formula
Polymeric	Non-PVC
Cast	

HOW MAY
WE HELP YOU?

GRAFITYP
makes you stick



Headquarter - Belgium

Grafiwrap Selfadhesive Products

Office

Stationsstraat 43
3530 Houthalen, BELGIUM

Plant & logistics

Centrum-Zuid 1539
3530 Houthalen, BELGIUM

+32 11-600.850

sales@grafityp.com

Subsidiary - UK

Grafiwrap U.K. Ltd

Grafitack House
103 Mariner, Tamworth -
Staffordshire
B79 7UL UNITED KINGDOM

+44 (0)1827-300500

fax +44 (0)1827-51333

sales@grafityp.co.uk

PRINTED ON FSC PAPER

