

## PRODUCT DATA SHEET

# GRAFIWRAP AMD FILMS CAST FLUO RACING

## REFERENCES GMx411 to GMx416

RELEASE 02.07.2021 – PROVISIONAL SPECIFICATIONS



### DESCRIPTION

The GrafiWrap AMD (Automotive & Deco) Fluo Racing series, with references GMx411 (fluo racing yellow), GMx412 (fluo racing green) and GMx416 (fluo racing red), is a multi-layered cast glittering fluorescent PVC film. The film comes with a permanent adhesive.

### COMPOSITION

#### FILM

130-140µm multi-layered cast fluo PVC film with a glittering top layer.

#### ADHESIVE

Transparent permanent pressure-sensitive solvent-based acrylic adhesive.

#### RELEASE LINER

Structured double-sided PE-coated paper of 145 g/m<sup>2</sup>, which gives the film an air escape effect.

### APPLICATION

Thanks to its exceptional smoothness and good deformability the GrafiWrap cast Fluo Racing film is perfectly suited for wrapping (race) cars and trucks, and for stripings in the automotive industry. It can be used for indoor and short-term outdoor applications.

## → INDOOR/OUTDOOR USE

### PRODUCT ADVANTAGES

- Suited for all difficult applications, amongst which car wrapping.
- Extremely suited to be used in the racing world.
- Air escape technology.
- Magnificent fluorescent colours.

### PRODUCT SPECIFICATIONS

Technical properties

#### RELATIVE HUMIDITY

50 ± 5%

#### TEMPERATURE

23 ± 2°C

- 1 Thickness film (1)  
Thickness film + adhesive + release liner
- 2 Elongation at break (production length) (2)  
Elongation at break (cross)
- 3 Dimensional stability (3)
- 4 Adhesion strength after 20 minutes (4)  
Adhesion strength after 24 hours
- 5 Quickstick (5)
- 6 Max. outdoor life span (unprinted) (6)
- 7 Temperature range during application  
Temperature range at use
- 8 Flammability

(1) Average

(2) Maximum

(3) Average

(4) Average

(5) Central-European conditions

#### TEST METHOD

#### RESULT

Din53370	130-140µm 310-320µm
Din53455	> 150% > 150%
Finat 14	< 0,3mm
Finat 1	12 N/25mm 15 N/25mm
Finat 9	8 N
-	Up to 3 months
-	+5°C up to +40°C -15°C up to +90°C

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### STORAGE INSTRUCTIONS

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

### COLOUR OF THE FILM

The colour of the GrafiWrap film may come off slightly because of over-pigmentation, but as the film is coloured in the mass, this will have no influence on the UV-resistance and the eventual colour of the film.

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.

### APPLICATION

When applying films, it is important that the right techniques are used for heating the material. More "tips & tricks" on the application of the GrafiWrap films can be found on our website ([www.grafityp.com](http://www.grafityp.com) → Downloads → Manuals).

### REMOVAL

In order to remove the film again, it should be heated thoroughly in order to prevent adhesive transfer.

### LIFE SPAN

The fluorescent pigments are particularly sensitive to UV rays. Depending on the amount of UV light, the fluorescent effect will disappear after a few months and the film will slowly turn white.

### 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 application. 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.

The life span can also differ, depending on the colour (due to the pigmentation).

More information on this in our warranty certificates.

GrafiWrap films must only be applied to undamaged, original paintwork. Grafityp cannot be held responsible for any damage during application or removal, if the material is used on non-original or aftermarket paintwork.

Subject to modifications.