



TECHNICAL DATA SHEET - WRAP VINYLs - FLUO

HX20610 Series

Range composed of a 110- μ m, very high performance, multilayered, cast vinyl, which is coated with a pressure-sensitive, acrylic adhesive. Structured adhesive for faster application and air egress. Specially designed for full vehicle wraps and heavily deformed surfaces. Glossy surface finish.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μ m):	110	
	<u>Average values</u>	<u>Standard</u>
• Tensile Strength (N/25 mm):	min. 15	HEXNFX41021
• Elongation at break (%):	min. 90	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.4	HEXRET001

LINER:

- Embossed, silicone-coated PE paper 145 g/m² with grey "THE CAST by HEXIS" print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	13	
after 24 hours of application	16	
• Initial tack (N/25 mm):	15	HEXFTM009
• Release (N/25 mm):	0.3	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, petrol, diluted acids, oils, fuels).		

ADHESIVE:

- Solvent-based acrylic adhesive.
- Structured adhesive for faster application and air egress.
- Immediate and permanent adhesion; suitable for wet application.
- Dry application.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +15 °C (+59 °F). Apply preferably between +20 °C and +25 °C (+68 °F and +77 °F).
- Operating temperature range: from -40 °C to +90 °C (-40 °F to +194 °F).
- Conformable product, only suitable for rolling devices and mobile vehicles.
- For transfer, use the HEX750 tape (with dry application method).
- In the case of an already painted substrate, self-adhesive media must only be applied to undamaged original paintwork. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

Note: To ensure optimum opacity, the films of the HX20610 range contain a high concentration of pigments. In certain cases, when cleaning the film, coloured traces may appear on the cleaning cloths. This action removes excess pigment from the film surface. This operation will not impair in any way the appearance and durability of the films. This effect can be enhanced when using cleaning products containing solvents.

OPERATING RECOMMENDATIONS:

- Recommendation (whenever possible): Sunlight and prolonged exposure to weathering and pollution may provoke ageing of the film⁽¹⁾. A vehicle wrapped with film of the HX20610 series must be protected from the sun and weather (rain, dew...) as often as possible: during the day, park in the shade; at night, park the car in a closed garage (otherwise, cover the vehicle with a loose protective cover).
- The colour of the films is controlled by HEXIS in order to ensure faithful reproduction of their colour tints. Nevertheless, in the case that your project requires the use of several rolls of the same colour reference, HEXIS recommend using only a single batch number of each reference.
- For more information on the application method of the HX20000 film, please refer to the Application Guide on the "Professionals" pages, category "Wrap vinyls", on our site www.hexis-graphics.com.

STORAGE:

- Shelf life (before use):

The shelf life of this film is 2 years when stored unopened in its original packaging at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with relative humidity between 30 % and 70 %.

DURABILITY: (Central European climate)

- Vertical outdoor exposure:
6 months.

These results were obtained from a vertical outdoor exposure and the durability conditions indicated are inherent to this position up to a few degrees. Other positions accentuate climatic influences and an alteration in gloss, colour or even a slight dusting may appear.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application.

The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use.

All the published information is based on measurements regularly performed in the laboratory. It does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website www.hexis-graphics.com.