

## HXLT200



WHITE



### PRODUCT DESCRIPTION:

50-µm, PVC-free film, which is coated with a grey, pressure-sensitive acrylic adhesive. The adhesive is micro-structured for faster application and air evacuation. Usable for solvent, eco-solvent, latex and UV inkjet printing. It has a glossy surface finish.

### FILM FEATURES:

Thickness	(Indicative value) <b>50 µm</b>	
Total thickness	(Indicative value) <b>245 µm</b>	
Total weight	(Average values) <b>250 g/m<sup>2</sup></b>	Method <b>HEXGSM001</b>
Tensile strength	(Average values) <b>min. 10 N/25 mm</b>	Method <b>HEXNFX41021</b>
Elongation at break	(Average values) <b>min. 200 %</b>	Method <b>HEXNFX41021</b>
Shrinkage 168 hours at 70 °C (158 °F)	(Average values) <b>&lt; 0.4 mm</b>	Method <b>HEXRET001</b>

### LINER:

Silicone-coated and embossed PE paper 145 g/m<sup>2</sup> with light grey «THE CAST by HEXIS» print.

Stable under hygrometric variations

### ADHESIVE PROPERTIES:

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

Peel strength test at 180° ; Measurement support glass

after 20 minutes of application	(Average values) <b>10 N/25 mm</b>	Method <b>HEXFTM001</b>
after 24 hours of application	(Average values) <b>12 N/25 mm</b>	Method <b>HEXFTM001</b>
Initial tack	(Average values) <b>13 N/25 mm</b>	Method <b>HEXFTM009</b>
Release	(Average values) <b>0.1 N/25 mm</b>	Method <b>HEXFTM003</b>

### ADHESIVE:

Grey, solvent-based acrylic adhesive.

Structured adhesive for faster application and air evacuation.

Immediate and permanent adhesion, optimal after 24 hours of contact.

### PRINTING GUIDE:

Touch-dry after less than 10 minutes depending on the printer used.

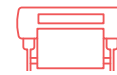
Optimal drying time for the inks before laminating or further processing is 24 hours minimum.

### USER'S INSTRUCTIONS:

Dry application method

*It is mandatory to use the so-called «dry» application method with this film, due to its HEX'PRESS liner. This technology means you can easily reposition the film on the substrate during application, while not excluding the squeegeeing step for optimal adhesion of the film to the substrate.*

Recommended minimum application temperature: +10 °C (+50 °F) Apply preferably between +15 °C and +35 °C (+59 °F and +95 °F).



## USER'S INSTRUCTIONS:

Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)

- Conformable product.
- Adhesion to glass, steel, aluminium, PVC, melamine, etc. except grain substrates or substrates coated with acrylic paint.
- In the case of painted substrates, 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.

## OPERATING RECOMMENDATIONS:

- The surface finish of the prints may be modified/improved/protected by one of the laminating films LTL750 for flat surfaces only or PC500 for all types of surfaces.

## STORAGE:



Storage period before use  
**1 year**



Storage temperature  
**+15 °C to +25 °C (+59 °F to +77 °F)**



Relative humidity during storage  
**with relative humidity between 30 % and 70 %**

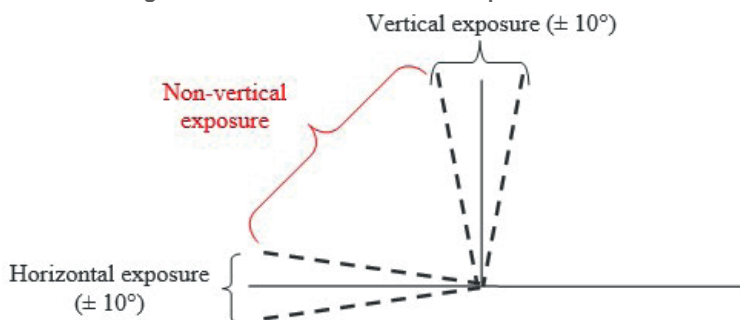


Storage method before use  
**in its unopened original packaging**

## DURABILITY: CENTRAL EUROPEAN CLIMATE

- Vertical outdoor exposure:  
Blank: 10 years.  
Printed and laminated with:  
- PC500G2 or PC500M: 5 years.  
- LTL750: 4 years  
Printed: 2 years.

Time during which the film retains a correct surface finish, from a conventional viewing distance. (A slight and gradual change in colour and gloss is a natural and inevitable phenomenon inherent in the natural breakdown of the materials).



**Note:** The durability stated in this document is inherent in an upright position of  $\pm 10^\circ$  and in the product's geographical exposure position. Any other position accentuates climatic influences and an alteration in gloss or colour, or even a slight dusting may appear. Southern exposure, with a  $45^\circ$  inclination may divide the durability of the film by 2, and horizontal exposure by 2.8. Application to the vehicle bonnet is particularly severe, due to the horizontal exposure and the heat from the engine.

To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the «Conversion rules for indicative durabilities according to geographical area» chart available under Durability, on the «Professionals» pages on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).

## 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 of the published information is based on measurements regularly performed in the laboratory and accelerated UV ageing tests and/or vertical natural outdoor exposure. The published information 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](http://www.hexis-graphics.com).