



# R 3000 series

## PRODUCT DESCRIPTION:

Film composed of a 100-µm alkyd resin and PET, which is coated with a pressure-sensitive acrylic adhesive. Glossy surface finish.

## FILM FEATURES:

• Thickness	(Indicative value) <b>100 µm</b>	
• Tensile strength	(Average values) <b>min. 100 N/25 mm</b>	Method <b>HEXNFX41021</b>
• Elongation at break	(Average values) <b>max. 5 %</b>	Method <b>HEXNFX41021</b>
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) <b>&lt; 0.2 mm</b>	Method <b>HEXRET001</b>

## Reflectance chart

- Reflectance values (Standard illuminant A, Angle of incidence + 40°, Observer angle 0.2°)

Colours	White (R3511)	Yellow (R3541)	Orange (R3551)	Red (R3561)	Blue (R3581)
Minimum reflectance (cd / Lux / m <sup>2</sup> )	25	15	9	5	1

## LINER:

- PE Liner 145 g/m<sup>2</sup> with blue 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
 

	(Average values)	Method
after 20 minutes of application	<b>19 N/25 mm</b>	<b>HEXFMT001</b>
	(Average values)	Method
after 24 hours of application	<b>21 N/25 mm</b>	<b>HEXFMT001</b>
	(Average values)	Method
- Initial tack
 

	(Average values)	Method
	<b>28 N/25 mm</b>	<b>HEXFMT009</b>
- Release
 

	(Average values)	Method
	<b>0.3 N/25 mm</b>	<b>HEXFMT003</b>
- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, petrol, diluted acids, oils, fuels).

## ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion; suitable for wet application.

## USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F)
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- 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.



## STORAGE:



Storage period before use  
**2 years**



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

- Application in vertical exposure: up to 3 years.

*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. 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).