

A5000 Series

PRODUCT DESCRIPTION:

A 60- μ m, cast, high-performance, polyurethane film, which is coated with a pressure-sensitive, solvent-based acrylic adhesive. Glossy surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 60 μm	
• Tensile strength	(Average values) min. 15 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 90 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.8 mm	Method HEXRET001

LINER:

- Silicone-coated Kraft paper 137 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)

• Peel strength test at 180°; Measurement support glass	(Average values)	Method
after 20 minutes of application	11 N/25 mm	HEXFMT001
after 24 hours of application	(Average values) 13 N/25 mm	Method HEXFMT001
• Initial tack	(Average values) 14 N/25 mm	Method HEXFMT009
• Release	(Average values) 0.1 N/25 mm	Method HEXFMT003

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion, suitable for wet application to flat surfaces only.

USER'S INSTRUCTIONS:

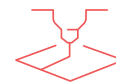
- Recommended minimum application temperature: +7 °C (+45 °F)
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- Possibility of transferring the film using the HEX905, HEX910 or HEX915 tapes.

In order to maintain a uniform appearance of the film and therefore avoid demarcations (whitening), it is recommended to not stretch it beyond 20 % of elongation. As they are more sensitive to elongation, the glossy metallised films must only be applied to flat or 2D surfaces, without stretching them.

- 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.

OPERATING RECOMMENDATIONS:

- 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 SMARTAC EVOLUTION films, please refer to the Application Guides available under the «Professionals» heading on our website www.hexis-graphics.com.



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)

- Vertical outdoor exposure: Up to 10 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.

CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard

EN 13501-1

Fire-smoke classification protocol no.

EFR-19-002609

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.