



HXE3GIVMV2

PRODUCT DESCRIPTION:

Film composed of an 80-µm calendered, monomeric PVC, which is coated with a pressure-sensitive acrylic adhesive. Structured adhesive for faster application and air evacuation. Frosted surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 80 µm	
• Tensile strength	(Average values) min. 40 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 100 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.8 mm	Method HEXRET001

LINER:

- Silicone-coated and embossed PE paper 145 g/m² with light 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

after 20 minutes of application	(Average values) 15 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 15 N/25 mm	Method HEXFTM001
- Initial tack

	(Average values) 16 N/25 mm	Method HEXFTM009
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- Release

	(Average values) 0.1 N/25 mm	Method HEXFTM003
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- 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 evacuation.
- Immediate and permanent adhesion, optimal after 24 hours of contact.

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)
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- Apply to an untreated surface, free from all traces of contaminants (dust, grease, wax, silicone etc.) and cleaned with a soapy liquid without anti-adherent additives.

Particular care must be taken to clean the angles and periphery of the glass surfaces in order to allow the film to adhere properly to the surface.



- Hygrometry influences the quality of the application.

On a cold window condensation may occur between the window and the adhesive film; it is therefore advisable to heat the substrate.

Both the ambient and the substrate temperature must comply with the minimum temperature.

- The film or paper transfer tape allows you to press the squeegee firmly over the entire surface of the graphic to be transferred.
- 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:

- For a window glass application, due to a variety of light exposures and conditions, especially when applied with a backlight, it is recommended to perform a preliminary test before each type of application.
- For more information on the application method of the HXE3GIVM2 films please refer to their Application Guide available under the «Professionals» heading, in the «Plotter vinyls» category 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 exposure on flat surfaces: 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.

CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard

EN 13501-1

Fire-smoke classification protocol no.

EFR-19-001970

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.