E3GIVMV2



FROSTED GLASS MATT

PRODUCT DESCRIPTION:

Film composed of a 80-µm, calendered, monomeric PVC, which is coated with a pressure-sensitive acrylic adhesive. 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 Kraft paper 137 g/m² 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		
after 20 minutes of application	(Average values) 12 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 16 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 14 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.1 N/25 mm	Method HEXFTM003

- 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)

Both the ambient and the substrate temperature must comply with the minimum application 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, apply to undamaged original paintwork only. 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 E3GIVMV2 film, please refer to the ETCHED GLASS/FROST/CRYSTAL Application Guide available under the «Professionals» pages, in the «Plotter vinyl» category on our website www.hexis-graphics.com.

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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.**

CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard
EN 13501-1

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.