



DATA SHEET E3GIVM

Cadmium-free monomeric calandered 80 micron PVC film, carrying a pressure sensitive acrylic adhesive, frosted finish.

SPECIFICATIONS:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	80	
• Tensile strength (N/25mm):	min. 40	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Dimensional stability (mm):	< 0.8	HEXRET001

LINER:

- Silicone coated paper liner 137 g/m² with blue HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

- | | | |
|--------------------------------|------|-----------|
| • 180° peel on glass (N/25mm): | | HEXFTM001 |
| after 20 minutes | 13 | |
| after 24 hours | 16 | |
| • Initial tack (N/25mm): | 10 | HEXFTM009 |
| • Release (N/25mm): | 0.20 | HEXFTM003 |
- Resistant to most oils, diluted acids, alcohol and hydrocarbons.

ADHESIVE:

- Acrylic solvent based.
- Immediate and permanent adhesion, suitable for wet application.

RECOMMENDATIONS:

- Minimum application temperature: +10°C (+50°F).
- Temperature range: -40°C to +90°C (-40°F to +194°F).
- The rolls must be stored in the same environment as the cutting machine.
- If the pressure of the knife is too high, the silicone liner may get slit and absorb some of the adhesive and thus make weeding more difficult or even delaminate the liner in the weakened areas. In all cases it is preferable to weed immediately after cutting.
- In order to make transfer easier HEXIS offer a complete range of accessories including different types of squeegees (plastic or felt; hard, medium or soft).
- If applying on glass the target surface must be cleaned right up to the edges. With the transfer tape still in place the complete surface of the graphics should be pressed down in wiping sweeps.
- The minimum application temperature must be complied with both for ambient environment and the substrate. Hygrometrics have no influence except in the case of dry application.
- In a cold environment the application tape should be left longer before removal and several days are required before the vinyl reaches the final adhesion.
- As condensation may occur on cold glass it is recommended to warm the substrate.
- If bubbles appear during dry application a needle can be used to pierce the film and wipe the air; a cutter would weaken the film.
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's risk.

SHELF LIFE:

- 2 years at +15°C... +25°C (+59°F... +77°F) and 30% to 70% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

DURABILITY:

- Vertical application on flat surfaces : 3 years.

Note:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application.

The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

All published data are based on measurements carried out regularly under laboratory conditions. They do, however, not constitute a warranty, representation or promise, express or implied as to the condition, quality, merchantability, fitness for a product, or that such product will satisfy any requirement for a specific property or capacity or special methods, all such warranties being hereby expressly disclaimed. The seller assumes no liability for claims beyond the replacement value of any product proven to be defective in material or workmanship and is in no way liable for direct, indirect, special, incidental damages or consequential loss including without limitation lost profits or loss of use, whether based on contract, tort or any other legal theory. Product specifications may change without prior notice. Our website is automatically updated: www.hexisgroup.com.