



TECHNICAL DATA SHEET - DIGITAL PRINTING - PET (REMOVABLE ADHESIVE) PET50CGI

Film composed of an 50- μm , transparent polyester, which is coated with a pressure-sensitive acrylic adhesive. Designed for UV printing. Glossy surface finish. For indoor use only.

FILM FEATURES:

	<u>Indicative values</u>	
• Thickness (μm):	50	
• Total thickness of the product (μm):	145	
	<u>Average values</u>	<u>Standard</u>
• Total weight of the product (g/m^2):	192	HEXGSM001
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.1	HEXRET001

GENERAL PRINTER COMPATIBILITES:

	UV
PET50CGI	✓

LINER:

- Transparent, 36- μm , silicone-coated PET liner.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	1	
after 24 hours of application	2	
• Initial tack (N/25 mm):	3	HEXFTM009
• Release (N/25 mm):	0.1	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

ADHESIVE:

- Solvent-based, acrylic adhesive.
- Immediate adhesion; removable adhesive.

USER'S INSTRUCTIONS:

- Touch-dry right after printing.
- Prior to any film application to a substrate prone to degassing, it is the responsibility of the prescriber and applicator to verify the compatibility between the film and the substrate and to carry out an optimal substrate degassing (in the case of synthetic glass such as PMMA, polycarbonate, etc.). The applicator is liable for any appearance of bubbles due to substrate degassing.
- Indoor application.
- Application to vertical glass surfaces, up to a maximum of 2.5 m².

Covering part or all of the window by a fully or partially printed film can cause localised heating of the glass (higher than +25 °C (+77 °F) depending upon colour and opacity of the graphics) relative to the non-covered surface. It is the responsibility of the customer/user/installer to make sure of the compatibility of the processed or unprocessed film with the glass/environment before applying the latter.

- During storage, always handle with clean and dry hands.
- Always remove the liner right before application, and squeegee the film right after as instructed during the HEXIS training courses.
- Application with soapy water only.
- Adhesion to glass, except grain substrates.
- Only use special tools dedicated to the application of solar / safety films.
- The film should not be covered with stickers or self-adhesive films.
- If peeled off after its application, the deterioration of the structure and appearance of the film will be irreversible.
- After application you must wait for one month before cleaning the film's surface with soapy water for the first time.

STORAGE:

- Shelf life (before use):

The shelf life of this film is 1 year when stored in horizontal position in a dust-free environment at a temperature ranging from 15 °C to 25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

DURABILITY:

- Vertical indoor exposure on flat window panes:
Unprinted: 2 years without significant traces of adhesive.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. All the published information is based on measurements regularly performed in the laboratory. It 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.