



TECHNICAL DATA SHEET - DIGITAL PRINTING - LAMINATE - PERMANENT ADHESIVE V740B

Film composed of a 70- μ m, clear, anti-UV treated, calendered, hybrid PVC, which is coated with a pressure-sensitive acrylic adhesive. Glossy surface finish; for cold laminating HEXIS digital printing films intended to be used for medium-term indoor and outdoor applications.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μ m):	70	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 40	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.8	HEXRET001

LINER:

- Silicone-coated paper 87 g/m² with grey HEXIS print.
- 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):		HEXFMTM001
after 20 minutes of application	20	
after 24 hours of application	24	
• Initial tack (N/25 mm):	20	HEXFMTM009
• Release (N/25 mm):	0.1	HEXFMTM003

ADHESIVE:

- Solvent-based, acrylic adhesive.
- Immediate and permanent adhesion.
- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

USER'S INSTRUCTIONS:

- Application to flat surfaces only.
- Protection of digital printing films.
- Good stability in combination with the HEXIS digital printing films: V240WG1 and HX240WG2.
- UV protection.
- Recommended minimum application temperature: +10 °C (+50 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F).
- For film cleaning, only use a non-abrasive sponge or soft cloth and soapy water.
- 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 any lamination, coating or other of a HEXIS digital printing film, optimal drying time for the inks is 24 hours.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 2 years when stored upright in its original packaging in a dust-free environment at a temperature ranging from +15 °C and +25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

DURABILITY: (Central European climate, for flat surfaces)

- Vertical outdoor exposure:
up to 4* years.

* *The durability indicated above concerns only the laminate and not the finished visual or graphic.*

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.

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 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.