



TECHNICAL DATA SHEET - DIGITAL PRINTING - LAMINATE - PERMANENT ADHESIVE

**V740B - V740M**

Film composed of a 2.76-mil (0.07-mm), clear, anti-UV treated, calendered, hybrid PVC, which is coated with a pressure-sensitive acrylic adhesive. Glossy (V740B) or matt (V740M) 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:	2.76 mil 0.07 mm	
	<u>Average values</u>	<u>Standard</u>
Tensile strength:	min. 8.85 lb./in. min. 40 N/25 mm	HEXNFX41021
Elongation at break:	min. 100 %	HEXNFX41021
Shrinkage 168 hours at 158 °F (70 °C):	< 0.031 inch < 0.8 mm	HEXRET001

**LINER:**

- Silicone-coated 58.8# paper 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°:		
after 20 minutes of application to glass	4.20 lb./in. 19 N/25 mm	HEXFTM001
after 24 hours of application to glass	5.09 lb./in. 23 N/25 mm	
Initial tack	4.20 lb./in. 19 N/25 mm	HEXFTM009
Release	0.022 lb./in. 0.10 N/25 mm	HEXFTM003

- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

**ADHESIVE:**

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion.

**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: +50 °F (+10 °C).
- Operating temperature range: from -40 °F to +194 °F (from -40 °C to +90 °C).
- For film cleaning, only use a non-abrasive sponge or soft cloth and soapy water.
- In the case of 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 +59 °F to +77 °F (+15 °C to +25 °C) with relative humidity of 50 %.

**DURABILITY:**

- Vertical outdoor exposure on flat surfaces:  
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](http://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 media for each application. The measuring methods for the standards quoted above served as 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](http://www.hexis-graphics.com).