



TECHNICAL DATA SHEET - DIGITAL PRINTING - LAMINATE - PERMANENT ADHESIVE

V740B - V740M

This film is composed of 2.76-mil (0.07-mm), transparent, calendered, hybrid PVC, which is treated to protect against UV rays and 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	3.98 lb./in. 18 N/25 mm	HEXFTM001
after 24 hours of application to glass	4.87 lb./in. 22 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 of the 240 series.
- 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).
- To clean the film, only use a non-abrasive sponge or soft cloth with soapy water.
- In the case of painted substrates, 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:

- Optimal drying time for the inks before laminating, coating or further processing of a HEXIS digital printing film 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 a 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.

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.