



DATA SHEET – DIGITAL PRINTING – FILM COATING (PERMANENT ADHESIVE)

**V700**

Film composed of a 80- $\mu$ m monomeric, calendered PVC film, which is coated with a pressure-sensitive acrylic adhesive. **Gloss, matt or satin surface finish** for cold lamination.

**FILM FEATURES:**

	<u>Indicative value</u>	
• Thickness ( $\mu$ m):	80	
	<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):	< 0.7	HEXRET001
• Absorption UV-A (400-315 nm):	70 %	
• Absorption UV-B (315-280 nm):	100 %	

**LINER:**

- Silicone-coated paper 80 g/m<sup>2</sup> 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):		HEXFTM001
after 20 minutes of application	21	
after 24 hours of application	24	
• Initial tack (N/25 mm):	21	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 and permanent adhesion.

## **USER'S INSTRUCTIONS:**

- UV-proof.
- This protective laminate also changes the surface appearance of the product to be covered by using either the matt, satin or gloss finish.
- When using this product for water-based inkjet prints, leave an extra margin of 2 cm (0.79-in.).
- Recommended minimum application temperature: +10 °C (+50 °F).
- Range of film operating temperatures: -40 °C to +90 °C (-40 °F to +194 °F).
- 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.

## **STORAGE:**

- Shelf life (before application):

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

## **DURABILITY:** (Central European climate)

- Vertical outdoor exposure on flat surface:  
up to 3 years.

### **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).