



## FICHE TECHNIQUE IMN PVC ADHESIF PERMANENT V300IWG

Film consisting of a 100- $\mu$ m, cadmium-free, monomeric, calendered PVC which is coated with a pressure-sensitive, acrylic adhesive. Intended for standard solvent, eco-solvent, latex and UV inkjet printing. Gloss surface finish.

### **FILM FEATURES:**

	<u>Average values</u>	<u>Standard</u>
• Thickness ( $\mu$ m):	100	
• Total thickness ( $\mu$ m):	230	
• Total weight ( $g/m^2$ ):	285	HEXGSM001
• Tensile strength (N/25 mm):	min. 40	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage (mm) after 168 hours at 70 °C (158 °F):	< 0.8	HEXRET001

### **GENERAL PRINTER COMPATIBILITY:**

	<b>Solvent</b>	<b>Eco-solvent</b>	<b>Latex</b>	<b>UV</b>
<b>V300IWG</b>	✓	✓	✓	✓

### **LINER:**

- Silicone-coated Kraft paper of 137  $g/m^2$ , with light blue HEXIS imprint
- Stable under hygrometric variations

### **ADHESIVE FEATURES:**

(Average values measured at data sheet editing time)

	<u>Average values</u>	<u>Standard</u>
• 180° peel strength test (N/25 mm): after 20 minutes of application on glass	16	HEXFTM001
after 24 hours of application on glass	21	
• Initial tack (N/25 mm):	15	HEXFTM009
• Release (N/25 mm) :	0.15	HEXFTM003
• Solvent resistance: the adhesive is resistant to most chemical agents (alcohol, diluted acids, oils).		

**ADHESIVE:**

- Acrylic adhesive
- Immediate and permanent adhesion

**USER'S INSTRUCTIONS:**

- Touch-dry at the latest 10 minutes following application depending on the printer used.
- Remove the media from the printer after printing.

*Prolonged contact (over 6 hours) without use can lead to film's cockling during cool down.*

- Minimum application temperature recommended: +10 °C (+50 °F)
- Operating temperature range (outdoors): from -40 °C to +90 °C (from -40 °F to +194 °F)
- Very good adhesion on glass, steel, aluminium, PVC, melamine... except grained substrates or substrates covered with acrylic paints.
- In the case of already painted substrates, self-adhesive media must only be applied onto undamaged original paintwork. If the paintwork is not the original and/or is damaged, the application and the removal are at the installer's own judgement and own risk.

**RECOMMENDATIONS:**

- For any laminating and further processing, the optimum drying time of the inks is 24 hours minimum.
- The aspect of your prints can be modified/improved/protected by applying the matt, satin or gloss V700 laminate.

**STORAGE:**

- Shelf life (before application):

The shelf life of this film is 1 year if it is stored at a temperature ranging from 15 °C to 25 °C (from 59 °F to 77 °F) and 50 % relative humidity, in its original packaging, in an upright position, in a dust-free environment.

**DURABILITY:** (central Europe climate)

- Vertical outdoor exposure on flat surfaces:  
unprinted: 4 years

**NOTE:**

Because of 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 information released originates from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for indirectly related damages beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at [www.hexis-graphics.com](http://www.hexis-graphics.com).