



## TECHNICAL DATA SHEET – PLOTTER VINYL – DRY-ERASE / LONG-TERM DRY-ERASE – DWP001B – DWP002B

Range of products comprising of a white (DWP001B), polymeric, 100- $\mu$ m PVC and a clear (DWP002B), monomeric, 90- $\mu$ m PVC, which are coated with a pressure-sensitive, solvent-based acrylic adhesive. For writing with erasable markers. For indoor use.

### **FILM FEATURES:**

	<u>Indicative values</u>	
• Thickness ( $\mu$ m):	100 (white) / 90 (clear)	
	<u>Average values</u>	<u>Standard</u>
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.8	HEXRET001

### **LINER:**

- Silicone-coated PE paper 145 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	18	
after 24 hours of application	22	
• Initial tack (N/25 mm):	18	HEXFTM009
• Release (N/25 mm):	0.3	HEXFTM003

### **ADHESIVE:**

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion; suitable for wet application.

**USER'S INSTRUCTIONS:**

- Recommended minimum application temperature: +15 °C (+59 °F).
- Operating temperature range: +15 °C to +30 °C (+59 °F to +86 °F).
- The DWP002B film can be applied using a cold laminator or via direct application to:
  - an unstructured plotter film. The complex can be cut using a plotter with a new blade.
  - a digital printing film printed with solvent, eco-solvent or latex inkjet technology, provided that the optimal drying time for the inks of at least 24 hours will be respected.
- Due to their composition, the long-term dry-erase films are fragile products which require to be:
  - transported in a flat position or wound around a core.
  - cut with a new cutter blade.
  - applied without using transfer paper or tape.
  - In the case of applying multiple widths by superposition, the upper width position must be correctly adjusted prior to liner removal and film application.
  - applied to flat surfaces only.
  - applied without excessive stretching on the substrate.
  - free from any self-adhesive film covering.
- Suitable dry-erase marker pens:

<b>Artline®</b> Easymark	<b>Foray®</b> Whiteboard Markers
<b>Bic Velleda®</b> Whiteboard Markers	<b>Franken</b> Mag Write
<b>Bic Velleda®</b> Whiteboard Metallic Markers	<b>Niceday®</b> Whiteboard Markers, I640275
<b>Bic Velleda®</b> Whiteboard Clic	<b>Pentel</b> Maxiflo
<b>Bic Velleda®</b> Whiteboard Grip	<b>Pentel</b> Easyflo
<b>Bic Velleda®</b> Liquid Ink	<b>Pilot®</b> Wytebord Marker
<b>Bic Stephens®</b> Whiteboard	<b>Q-Connect®</b> Whiteboard Marker
<b>Edding®</b> EcoLine, 28/4S – Whiteboard Marker Set	<b>Texta®</b> Whiteboard
<b>Edding®</b> 360 XL Board Marker	<b>Tratto</b> Memo
<b>Edding®</b> 363 Board Marker	<b>TÜL</b> Dry Erase
<b>Expo®</b> Dry Erase	

- Writing left 3 months or less is easily wiped off with a dry cloth.
- Its original cleanliness can easily be restored with window cleaner.
- For indoor use only, not UV-proof.
- 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.

**STORAGE:**

- Shelf life (before application):  
The shelf life of this film is 1 year when stored unopened in its original packaging at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with relative humidity between +30 % and 70 %.

**DURABILITY:**

- Vertical indoor exposure, blank:  
Clear: 2 years.  
White: 5 years.

**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](http://www.hexis-graphics.com).