



TECHNICAL DATA SHEET – PLOTTER VINYL – ERASABLE WHITEBOARD / LONG TERM DRY-ERASABLE – DWP001B – DWP002B

Range of products comprising a white (DWP001B), polymeric, 100- μ m PVC and a clear (DWP002B), monomeric, 90- μ m PVC, which are coated with a pressure-sensitive acrylic adhesive. Dry-erase surface allowing the use of erasable marker pens. For indoor use.

FILM FEATURES:

	<u>Indicative values</u>	
• Thickness (μ 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/m², 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	20	
after 24 hours of application	22	
• Initial tack (N/25 mm):	21	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: from +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 an optimal drying time for the inks of at least 24 hours will be respected.
- Due to their composition, the long-term dry-erase whiteboard films are fragile products requiring to be:
 - transported in 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 stretch to the substrate;
 - free from any self-adhesive film covering.
- Suitable dry-erase marker pens:

Artline® Easymark	Foray® Whiteboard Markers
Bic Velleda® Whiteboard Markers	Franken mag write
Bic Velleda® Whiteboard metallic Markers	Niceday® whiteboard markers, ref. 1640275
Bic Velleda® Whiteboard Clic	Pentel Maxiflo
Bic Velleda® Whiteboard Grip	Pentel Easyflo
Bic Velleda® Liquid Ink	Pilot® Wytebord Marker
Bic Stephens® Whiteboard	Q-Connect® whiteboard marker
Edding® EcoLine, ref. 28/4S – Whiteboard marker set	Texta® Whiteboard
Edding® 360 XL board marker	Tratto Memo
Edding® 363 board marker	TÜL dry erase
Expo® dry erase	

- Writings lasting up to 3 months are 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.