



TECHNICAL DATA SHEET - DIGITAL PRINTING - PVC (PERMANENT ADHESIVE) V3500WGI

Film consisting of a 100- μ m, monomeric, calendered PVC which is coated with a grey, permanent, pressure-sensitive acrylic adhesive. Intended for standard solvent, eco-solvent and latex inkjet printing. Gloss surface finish.

FILM FEATURES:

	<u>Average values</u>	<u>Standard</u>
• Thickness (μ m):	100	
• Total weight (g/m^2):	240	HEXGSM001
• Tensile strength (N/25 mm):	min. 50	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage (mm) after 168 hours at 70 °C (158 °F):	< 1.2	HEXRET001

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent	Latex
V3500WGI	✓	✓	✓

LINER:

- Silicone-coated PE paper of 120 g/m^2 with light blue HEXIS print
- 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):		HEXFTM001
after 20 minutes of application on glass	11	
after 24 hours of application on glass	16	
• Initial tack (N/25 mm):	14	HEXFTM009
• Release (N/25 mm):	0.10	HEXFTM003

- Solvent resistance: the adhesive is resistant to most chemical agents (alcohol, diluted acids, oils).

ADHESIVE:

- Grey, acrylic adhesive
- Immediate and permanent adhesion

USER'S INSTRUCTIONS:

- Touch-dry at the latest 10 minutes following application depending on the printer used.
- For any laminating and further processing, the optimum drying time of the inks is 24 hours minimum.
- Minimum application temperature recommended: +10 °C (50 °F)
- Operating temperature range (outdoors): from -20 °C to +65 °C (from -4 °F to +149 °F)
- Very good adhesion on glass, steel, aluminium, PVC, melamine... except grained substrates or substrates covered by acrylic paints.
- In the case of already painted substrates, self-adhesive media must only be applied onto undamaged original paintwork. If the paint is not the original paintwork or/and is damaged, the application and the removal are at the installer's own judgement and own risk.

RECOMMENDATIONS:

- The print surface 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: up to 3 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.