HEXIS®

TECHNICAL DATA SHEET - DIGITAL PRINTING - PVC - REMOVABLE ADHESIVE
V211WG1

Film composed of a 70-µm calendered, polymeric PVC, coated with a removable, pressure-sensitive acrylic adhesive. For solvent, eco-solvent, latex and UV inkjet printing. Glossy surface finish.

FILM FEATURES:

	Indicative values	
• Thickness (µm):	70	
• Total thickness of the product (µm):	260	

	Average values	Standard
• Total weight of the product (g/m²):	280	HEXGSM001
• Tensile strength (N/25 mm):	min. 35	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.3	HEXRET001

GENERAL PRINTER COMPATIBILITES:

	Solvent	Eco-solvent	Latex	UV
V211WG1	✓	✓	✓	✓

LINER:

- Silicone-coated PE paper 145 g/m² with light grey HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

	Average values	Standard
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	6	
after 24 hours of application	7	
• Initial tack (N/25 mm):	8	HEXFTM009
• Release (N/25 mm):	0.2	HEXFTM003

- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

ADHESIVE:

- Solvent-based acrylic adhesive.

- Immediate adhesion; removable adhesive.

USER'S INSTRUCTIONS:

- Touch-dry after less than 10 minutes depending on printer used.

- Minimum recommended application temperature: +10 °C (+50 °F).

- Operating temperature range (outdoors): -20 °C to +60 °C (-4 °F to +140 °F).

- Very good adhesion to glass, steel, aluminium, PVC, melamine, etc. <u>except grain substrates or substrates coated with acrylic paint.</u>

When applied to laminated monomeric or polymeric PVC films, the removable adhesives can become semi-permanent. The duration of application and the type of exposure may accelerate this phenomenon.

- 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.

OPERATING RECOMMENDATIONS:

- The colour of the films is controlled by HEXIS in order to ensure faithful reproduction of their colour tints. Nevertheless, in the case that your project requires the use of several rolls, HEXIS recommend using only a single batch number of each reference.

- For all coatings, optimal drying time for the inks is 24 hours minimum.

- The surface finish of your printing may be modified/improved/protected by a judicious choice of laminating films V750 or PC500. For UV printing, protect with the VCR750 laminate.

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: (Central European climate)

- Vertical outdoor exposure on flat surfaces:
  Unprinted: 6 months depending on the substrate without significant traces of adhesive.
  Printed and laminated: 12 months (if the print edges are sealed by a sealing varnish).
  Printed: 3 months without significant traces of adhesive.