HEXIS®

TECHNICAL DATA SHEET - DIGITAL PRINTING - PVC - PERMANENT ADHESIVE
V202CG1

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

FILM FEATURES:

	Indicative values	
• Thickness (µm):	70	
• Total thickness of the product (µm):	245	
	Average values	Standard
• Total weight of the product (g/m²):	265	HEXGSM001
• Tensile strength (N/25 mm):	min. 35	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.4	HEXRET001

GENERAL PRINTER COMPATIBILITES:

	Solvent	Eco-solvent	Latex	UV
V202CG1	✓	✓	✓	✓

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	14	
after 24 hours of application	17	
• Initial tack (N/25 mm):	20	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 inhibiting migration of plasticisers.
- Adhesion is immediate and permanent (non-repositionable adhesive), suitable for wet application.

USER'S INSTRUCTIONS:

- Touch-dry after less than 15 minutes depending on printer used.

- Recommended minimum application temperature: +10 °C (+50 °F).

- Operating temperature range (outdoors): -40 °C to +90 °C (-40 °F to +194 °F).

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

- 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:

- For any lamination, coating or other, optimal drying time for the inks is 24 hours.

- The surface finish of your printings may be modified/improved/protected by laminating them with the appropriate laminate: V750 or PC500. For UV printings, use the protective VCR750 laminate.

- For more information on the application method of V202CG1, please refer to its Application Guide on the "Professionals" pages, category "Digital printing media" on our website www.hexis-graphics.com.

STORAGE:

- Shelf life (before application):
  The shelf life of this film is 1 year when stored upright in its original packaging in a dust-free environment at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

DURABILITY: (Central European climate)

- Vertical outdoor exposure:
  Unprinted: 5 years.
  Printed and laminated:
         - PC500: 5 years;
         - V750: 4 years;
         - VCR750: 3 years.
  Printed: 2 years.

To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the "Conversion rules for indicative durabilities according to geographical area" chart available under Durability, on the "Professionals" pages on our site www.hexis-graphics.com.