



DATA SHEET DIGITAL PRINTING OPAQUE VINYL PERMANENT ADHESIVE VI00WG2

Cast cadmium-free polymeric PVC film with a thickness of 50µm, coated with a grey pressure sensitive acrylic adhesive. Intended for inkjet printing with solvent, eco-solvent, HP Latex, UV inks. Gloss surface finish.

CHARACTERISTICS OF THE FILM:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	50	
• Total caliper (µm):	230	
• Total specific weight (g/m ²):	245	HEXGSM00I
• Tensile strength (N/ 25mm):	min. 20	HEXNFX4I02I
• Elongation at break (%):	min. 90	HEXNFX4I02I
• Dimensional stability (mm): after 168 hours at 70°C	< 0.3	HEXRET00I
• Opacity (%):	> 98	HEXOPA00I

GENERAL PRINTER COMPATIBILITY:

	Solvent	Eco-solvent	HP-Latex	UV
VI00WG2	✓	✓	✓	✓

LINER:

- PE-coated siliconed paper liner 145g/m², with light grey “THE CAST by HEXIS” imprint.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Average values measured at the time of editing the data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel on glass at 180° (N/25mm): 20 minutes after application	16	HEXFTM00I
24 hours after application	19	
• Initial tack (N/25mm):	20	HEXFTM009
• Release (N/25mm):	0.2	HEXFTM003
• Resistance to solvents: The adhesive is resistant to most chemical agents (alcohol, diluted acids, oils).		

ADHESIVE:

- Grey acrylic solvent-based adhesive.
- Immediate and permanent adhesion.

USAGE GUIDE:

- Touch dry after less than 10 minutes depending on printer used.
- Minimum application temperature +10°C (+50°F) for flat surfaces and minimum +15°C (+59°F) for rivets.
- Exposure temperature range (outdoor): -40°C to +90°C (-40°F to +194°F).
- Very good adhesion on glass, steel, aluminium, PVC, melamine... except grained surfaces or acrylic paints.
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's assessment / risk.

RECOMMENDATIONS FOR USE:

- Optimum drying time before laminating or further processing is 48 hours minimum.
- The surface aspect can be modified/improved/protected by applying the appropriate laminate of the type PC50G2 (gloss finish), PC30G2 (matt), PC30M2 (super matt finish), PC30M3 (matt finish) or V750 on substrates with low distortion.
- For further information on application methods of VI00WG2, refer to the application guide under Full Wrap on the professionals pages of the web site www.hexis-graphics.com.

STORAGE:

- Shelf life (before application):
- 1 year if stored unopened in its original packing at a temperature between +15°C and +25°C (+59°F to +77°F) and 30 to 70% relative humidity.

DURABILITY: (Central Europe)

- Unprinted vertical outdoor exposure: 10 years.
- Printed and laminated vertical outdoor exposure:
 - V750: 3 years.
 - PC30, PC50G2: 5 years
- Printed vertical outdoor exposure: 2 years.

Note:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application. The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

All published data are based on measurements carried out regularly under laboratory conditions. They do, however, not constitute a warranty, representation or promise, express or implied as to the condition, quality, merchantability, fitness for a product, or that such product will satisfy any requirement for a specific property or capacity or special methods, all such warranties being hereby expressly disclaimed. The seller assumes no liability for claims beyond the replacement value of any product proven to be defective in material or workmanship and is in no way liable for direct, indirect, special, incidental damages or consequential loss including without limitation lost profits or loss of use, whether based on contract, tort or any other legal theory. Product specifications may change without prior notice. Our website is automatically updated: www.hexis-graphics.com.