



DATA SHEET DIGITAL PRINTING OPAQUE VINYL - REMOVABLE ADHESIVE V3100WG

Monomeric calandered cadmium-free 100 micron PVC film, coated with a removable black pressure sensitive acrylic adhesive. Suitable for solvent inkjet printers. Gloss surface finish.

SPECIFICATIONS:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	100	
• Total caliper (µm):	270	
• Total specific weight (g/m ²):	300	HEXGSM001
• Tensile strength (N/25mm):	min. 40	HEXNFX41021
• Elongation at break (%):	min 100	HEXNFX41021
• Dimensional stability (mm): after 168h at 70°C	< 0.4	HEXRET001

PRINTER AND INK COMPATIBILITY:

- Solvent inkjet printers.

LINER:

- Siliconed kraft paper 135 g/m² with light blue HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

• Peel on glass at 180° (N/25mm):		HEXFTM001
20 minutes after application	3	
24 hours after application	6	
• Initial tack (N/25mm):	3	HEXFTM009
• Release (N/25mm):	0.20	HEXFTM003
• The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

RECOMMENDATIONS:

- Touch dry after less than 10 minutes depending on printer used.
- The surface aspect can be advantageously improved by applying the appropriate matt, satin or gloss laminate (type V700).
- Optimum drying time before laminating or varnishing is 24 hours.
- Minimum application temperature +10°C (+50°F).
- Optimum environment -20°C to +60°C (-4°F to +140°F).
- Removable black solventbased acrylic adhesive.
- Immediate adhesion, removable.
- Very good adhesion on glass, steel, aluminium, PVC, melamine,... except grained surfaces or acrylic paints.
- If applied on monomeric or polymeric plasticised vinyl films a removable adhesive may become semi-permanent. The duration of the application and the type of exposure may accelerate the phenomenon.
- 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 risk.

SHELF LIFE:

- 1 year at +15°C...+25°C (+59°F...+77°F) and 30 to 70% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

DURABILITY: (on flat surface)

- Unprinted vertical outdoor exposure: 6 months without important adhesive residue.
- Printed and laminated vertical outdoor exposure: 12 months (if edges are sealed by a liquid laminate).
- Printed vertical outdoor exposure: 3 months without important adhesive residue.

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.

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