



DATA SHEET DIGITAL PRINTING VINYL PERMANENT ADHESIVE V3000WMB

Monomeric calandered cadmium-free 100 micron PVC film, coated with a blue pressure sensitive acrylic adhesive. Suitable for solvent, eco-solvent inkjet printers. Intense white appearance with surface matt finish.

SPECIFICATIONS:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	100	
• Total caliper (µm):	270	
• Total specific weight (g/m ²):	290	HEXGSM001
• Tensile strength (N/25mm):	min. 40	HEXNFX41021
• Elongation at break (%):	min 100	HEXNFX41021
• Dimensional stability (mm): after 168h at 70°C	< 0.8	HEXRET001

PRINTER AND INK COMPATIBILITY:

- Solvent, eco-solvent inkjet printers.

LINER:

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

ADHESIVE PROPERTIES:

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|---|-----|-----------|
| • Peel on glass at 180° (N/25mm): | | HEXFTM001 |
| 20 minutes after application | 14 | |
| 24 hours after application | 17 | |
| • Initial tack (N/25mm): | 12 | HEXFTM009 |
| • Release (N/25mm): | 0.2 | 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 -40°C to +90°C (-40°F to +194°F).
- Blue acrylic adhesive.
- Immediate and permanent adhesion.
- Very good adhesion on glass, steel, aluminium, PVC, melamine, ... except grained surfaces or acrylic paints.
- Do not leave the media in the printer outside printing sessions. Extended contact (over 6 hours) without moving may ripple the media during the cooling down process.
- 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 to +25°C (+59°F to +77°F) and 50% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

DURABILITY: (on flat surface)

- Unprinted vertical outdoor exposure: 4 years.
- Printed and laminated vertical outdoor exposure: 3 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.hexisgroup.com.