



## DATA SHEET DIGITAL PRINTING VINYL PERMANENT ADHESIVE V402CG AND V402CM

Monomeric calendered cadmium-free 80 micron PVC film, coated with a pressure sensitive acrylic adhesive. Suitable for solvent inkjet printers. Transparent gloss finish (V402CG) or Transparent matt finish (V402CM).

### **SPECIFICATIONS:**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	80	
• Total caliper (µm):	205	
• Total specific weight (g/m <sup>2</sup> ):	240	HEXGSM001
• Tensile strength (N/25mm):	min. 50	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Dimensional stability (mm): after 168h at 70°C	< 1.2	HEXRET001

### **PRINTER AND INK COMPATIBILITY:**

- Solvent inkjet printers.

### **LINER:**

- Silicone coated paper liner 120 g/m<sup>2</sup> red HEXIS print for rolls in 1230mm and neutral liner for 1520mm rolls.
- Stable under hygrometric variations.

### **ADHESIVE PROPERTIES:**

• Peel on glass at 180° (N/25mm) :		HEXFTM001
20 minutes after application	12	
24 hours after application	15	
• Initial tack (N/25mm):	9	HEXFTM009
• Release (N/25mm):	0.20	HEXFTM003

**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).
- The optimum drying time before laminating or varnishing is 24 hours.
- Minimum application temperature: +10°C (+50°F).
- Optimum environment (outdoor): -20°C to +70°C (-4°F to +158°F).
- Solvent based acrylic adhesive.
- Immediate and permanent adhesion.
- Very good adhesion on glass, steel, aluminium, PVC, melamine, ... except grained surfaces or acrylic paints.

**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:**

- Vertical outdoor exposure: up to 2 years depending on the printing.

**Note:**

If in doubt about the compatibility of the product with any particular application we recommend that the user carry out a trial before the final application or seek advice from the manufacturer. All data are believed to be correct but do 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 buyer has to determine the suitability of the materials for the intended purpose prior to purchase. HEXIS S.A. or its affiliates assume 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](http://www.hexisgroup.com).