



DATA SHEET DIGITAL PRINTING VINYL PERMANENT ADHESIVE VCSR100WGI

Cast cadmium-free 50 micron polymeric PVC film, coated with an extra high tack pressure sensitive acrylic adhesive. Suitable for solvent inkjet printers. Gloss surface finish.

SPECIFICATIONS:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	50	
• Total caliper (µm):	250	
• Total specific weight (g/m ²):	265	HEXGSM00I
• Tensile strength (N/25mm):	min. 20	HEXNFX4I02I
• Elongation at break (%):	min. 90	HEXNFX4I02I
• Dimensional stability (mm): after 168h at 70°C	< 0.4	HEXRET00I

PRINTER AND INK COMPATIBILITY:

- Solvent inkjet printers.

LINER:

- Silicone PE paper 145 g/m² grey HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

• Peel on glass at 180° (N/25mm): 20 minutes after application	22	HEXFTM00I
24 hours after application	24	
• Initial tack (N/25mm):	27	HEXFTM009
• Release (N/25mm):	0.70	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 laminate type PC30G2 (gloss finish), PC30M2 (matt finish) or on surfaces with low distortion V750.
- Optimum drying time before laminating or varnishing is 24 hours.
- Minimum application temperature +10°C (+50°F) for flat surfaces and minimum +15°C (+59°F) for rivets.
- Optimum environment -40°C to +90°C (-40°F to +194°F).
- Solvent based acrylic adhesive.
- Immediate and permanent adhesion; maximum adhesion after 24 hours.

SHELF LIFE:

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

DURABILITY:

- Unprinted vertical outdoor exposure: 10 years.
- Printed and laminated vertical outdoor exposure:
 - V750: 3 years.
 - PC30G2/M2: 5 years.
- Printed vertical outdoor exposure: 2 years.

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. 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 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.