



DATA SHEET DIGITAL PRINTING COLD LAMINATION PERMANENT ADHESIVE

V 650

Monomeric calandered cadmium-free 80 micron PVC film, coated with a pressure sensitive acrylic adhesive. Gloss or matt surface finish for cold laminating. Mainly for use as a mechanical protection.

SPECIFICATIONS:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	80	
• Tensile strength (N/25mm):	min. 50	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Dimensional stability (mm): after 168h at 70°C	< 0.8	HEXRET001

LINER:

- Silicon liner paper 80 g/m² grey HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

- | | | |
|---|------|-----------|
| • Peel on glass at 180° (N/25mm):
20 minutes after application | 13 | HEXFTM001 |
| 24 hours after application | 16 | |
| • Initial tack (N/25mm): | 8 | HEXFTM009 |
| • Release (N/25mm): | 0.20 | HEXFTM003 |
| • Resistance to solvents: the adhesive is resistant to most chemical agents (alcohol, diluted acids, oils). | | |

RECOMMENDATIONS:

- Minimum application temperature +10 °C (+50 °F).
- Optimum environment -40 °C to +90 °C (-40 °F to +194 °F).
- Solventbased acrylic adhesive.
- Immediate and permanent adhesion, suitable for wet application.
- This protection film enhances the substrate's appearance with a gloss or matt appearance.
- When using this product to protect water-based ink jet printing, overlap the edges by 2 cm.
- Resistant against mechanical aggressions.
- Protects against UV-rays.
- Depending on the type of surface to be protected : paintings, "non-dry" inkjet prints, the V650 gloss/matt may show signs of shrinkage. To avoid such alterations or for medium term applications we strongly recommend the use of our plastifier V700.
- We strongly advise against all plastification using the V650 with: V880, V882, V890.

SHELF LIFE:

- 1 year at +15°C...+25°C (+59°F...+77°F) and 50% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

DURABILITY:

- Up to 2 years depending on printed substrate.

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.