



DATA SHEET DIGITAL PRINTING COLD LAMINATION PERMANENT ADHESIVE

**PC30G2 – PC30M2**

Cadmium-free polymeric cast vinyl 30 micron transparent, coated with a pressure sensitive acrylic adhesive. Gloss (PC30G2) or matt (PC30M2) surface finish for cold laminating of cast HEXIS vinyl films for digital printing.

**SPECIFICATIONS:**

|   | <u>Average values</u> | <u>Standard</u> |
|---|-----------------------|-----------------|
| • Thickness (µm):                                   | 30                    |                 |
| • Tensile strength (N/25mm):                        | min. 15               | HEXNFX41031     |
| • Elongation at break (%):                          | min. 100              | HEXNFX41031     |
| • Dimensional stability (mm):<br>after 168h at 70°C | < 0.2                 | HEXRET001       |

**LINER:**

- Silicone PE paper liner 145 g/m<sup>2</sup> grey “THE CAST by HEXIS” print.
- Stable under hygrometric variations.

**ADHESIVE PROPERTIES:**

- |                                   |    |           |
|-----------------------------------|----|-----------|
| • Peel on glass at 180° (N/25mm): |    | HEXFTM001 |
| 20 minutes after application      | 12 |           |
| 24 hours after application        | 13 |           |
| • Initial tack (N/25mm):          | 12 | HEXFTM009 |
- The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

**RECOMMENDATIONS:**

- Protection for solvent-based ink system cast vinyl.
- 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).
- Solventbased acrylic adhesive.
- Immediate and permanent adhesion.
- Do not use an abrasive sponge.
- Protects against UV-rays.

**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:**

- 3 to 5 years depending on the printed media.
- Unprinted 5 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. 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).