



DATA SHEET DIGITAL PRINTING OPAQUE VINYL - REMOVABLE ADHESIVE V310WGI

Monomeric calandered cadmium-free 100 micron PVC film, coated with a removable black pressure sensitive acrylic adhesive. Suitable for solvent inkjet printers. Gloss surface finish.

SPECIFICATIONS:

| | <u>Average values</u> | <u>Standard</u> |
|---|-----------------------|-----------------|
| • Thickness (µm): | 100 | |
| • Total caliper (µm): | 290 | |
| • Total specific weight (g/m ²): | 315 | HEXGSM001 |
| • Tensile strength (N/25mm): | min. 40 | HEXNFX41021 |
| • Elongation at break (%): | min 100 | HEXNFX41021 |
| • Dimensional stability (mm): after 168h at 70°C | < 0.4 | HEXRET001 |

PRINTER AND INK COMPATIBILITY:

- Solvent inkjet printers.

LINER:

- Unprinted silicone PE paper 145 g/m².
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

| | | |
|---|------|-----------|
| • Peel on glass at 180° (N/25mm): | | HEXFTM001 |
| 20 minutes after application | 8 | |
| 24 hours after application | 10 | |
| • Initial tack (N/25mm): | 4 | HEXFTM009 |
| • Release (N/25mm): | 0.20 | 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 -20°C to +60°C (-4°F to +140°F).
- Removable black solventbased acrylic adhesive.
- Immediate adhesion, removable.
- Very good adhesion on glass, steel, aluminium, PVC, melamine,... except grained surfaces or acrylic paints.
- If applied on monomeric or polymeric plasticised vinyl films a removable adhesive may become semi-permanent. The duration of the application and the type of exposure may accelerate the phenomenon.

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: (on flat surface)

- Unprinted vertical outdoor exposure: 6 months without important adhesive residue.
- Printed and laminated vertical outdoor exposure: 12 months (if edges are sealed by a liquid laminate).
- Printed vertical outdoor exposure: 3 months without important adhesive residue.

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.