



## DATA SHEET DIGITAL PRINTING VINYL GREY PERMANENT ADHESIVE V 500/I AD

White gloss monomeric 110 micron PVC film carrying a grey pressure sensitive permanent acrylic adhesive, suitable for eco-solvent inkjet printing.

### **SPECIFICATIONS:**

	<u>Average values</u>	<u>Standard</u>
• Total thickness (µm):	295	
• Total caliper (g/m <sup>2</sup> ):	320	HEXGSM001
• Specific weight adhesive vinyl film (g/m <sup>2</sup> ):	170	HEXGSM001
• Opacity (%):	> 90	HEXOPA001

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

- First generation light solvent inks (ecosol...) type Rockhopper (Mutoh) and Soljet (Roland).

### **LINER:**

- Silicone PE paper 145 g/m<sup>2</sup> blue HEXIS print.

### **ADHESIVE PROPERTIES:**

- |   |     |           |
|---|-----|-----------|
| • Peel on glass at 180° (N/25mm):   |     | HEXFTM001 |
| 20 minutes after application  | 15  |           |
| 24 hours after application  | 17  |           |
| • Initial tack (N/25mm):  | 8   | HEXFTM009 |
| • Release (N/25mm):   | 0.2 | HEXFTM003 |
| • The adhesive is resistant to most chemicals (alcohol, diluted acids, oils). |     |           |

## **RECOMMENDATIONS:**

- Suitable for eco-solvent inks for indoor and outdoor applications.
- Touch dry after less than 15 minutes depending on printer used.
- Protection with a self-adhesive cold laminating film (Hexis V700) is recommended **NOT SUITABLE FOR HOT LAMINATING OR ENCAPSULATING**.
- The surface aspect can be advantageously improved by applying the appropriate matt, satin or gloss laminate (type V700).
- Optimum environment +15°C to +30°C (+59°F to +86°F) at 40 to 60% humidity.
- Optimum drying time before laminating or varnishing is 24 hours.
- Adhesion is immediate and permanent (not re-positionable).
- Very good adhesion on glass, steel, aluminium, PVC, melamine, ... except grained surfaces or acrylic paints.
- Average performance on rivets and peaks over 0.5cm (0.2in).

## **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:**

- Unprinted vertical outdoor exposure: 3 years.
- Printed and laminated vertical outdoor exposure: 2 years.
- Printed vertical outdoor exposure: 1 year.

### **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).