



## DATA SHEET DIGITAL PRINTING VINYL PERMANENT ADHESIVE V20ITRI

Polymeric calandered cadmium-free 80 micron PVC film, coated with a pressure sensitive acrylic adhesive. Suitable for solvent and eco-solvent inkjet printers. White translucent finish.

### **SPECIFICATIONS:**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	80	
• Total caliper (µm):	275	
• Total specific weight (g/m <sup>2</sup> ):	300	HEXGSM001
• Tensile strength (N/25mm):	min. 35	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 and eco-solvent inkjet printers.

### **LINER:**

- Silicone PE paper 145 g/m<sup>2</sup> grey HEXIS print.
- Stable under hygrometric variations.

### **ADHESIVE PROPERTIES:**

- |   |      |           |
|---|------|-----------|
| • Peel on glass at 180° (N/25mm):   |      | HEXFTM001 |
| 20 minutes after application  | 13   |           |
| 24 hours after application  | 17   |           |
| • Initial tack (N/25mm):  | >10  | HEXFTM009 |
| • Release (N/25mm):   | 0.20 | HEXFTM003 |
| • The adhesive is resistant to most chemicals (alcohol, diluted acids, oils). |      |           |

**RECOMMENDATIONS:**

- Touch dry after less than 15 minutes depending on printer used.
- Minimum application temperature +10°C (+50°F).
- Optimum environment -20°C to +60°C (-4°F to +140°F).
- The surface aspect can be advantageously improved by applying the appropriate gloss laminate (V750).
- Optimum drying time before laminating or varnishing is 24 hours.
- Solvent based acrylic adhesive.
- Immediate and permanent adhesion, not repositionable, suitable for wet application.
- Very good adhesion on glass, steel, aluminium, PVC, melamine, ... except grained surfaces or acrylic paints.
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's risk.

**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:**

- Unprinted vertical outdoor exposure: 5 years.
- Printed and laminated vertical outdoor exposure: 3 years.
- Printed vertical outdoor exposure: 2 years.

**Note:**

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application. 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.

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