



## DATA SHEET DIGITAL PRINTING PERMANENT ADHESIVE V870PE

175 micron Polyethylene film, coated with acrylic pressure sensitive adhesive, suitable for aqueous inks.

### **SPECIFICATIONS:**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	175	
• Total caliper (µm):	325	
• Total specific weight (g/m <sup>2</sup> ):	275	HEXGSM001
• Tensile strength (N/25mm):	min. 42	HEXNFX41021
• Elongation at break (%):	min. 300	HEXNFX41021
• Dimensional stability (mm): after 168h at 70°C	< 0.4	HEXRET001

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

- Piezo-electric printers and thermal printers (outdoor inks).

### **LINER:**

- Unprinted silicone coated paper liner 125 g/m<sup>2</sup>.
- Stable under hygrometric variations.

### **ADHESIVE PROPERTIES:**

• Peel on glass at 180° (N/25mm): 20 minutes after application	10	HEXFTM001
24 hours after application	12	
• Initial tack (N/25mm):	10	HEXFTM009
• Release (N/25mm):	0.2	HEXFTM003
• The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

**RECOMMENDATIONS:**

- Touch dry after less than 5 minutes depending on printer used.
- Must be laminated with V700 Matte or Satin or Gloss.
- Optimum drying time for laminations or varnishes is 24 hours.
- Application onto flat surfaces only.
- Minimum application temperature: +10°C (+50°F).
- Optimum environment (outdoor): -40°C to +90°C (-40°F to +194°F).
- Solvent based acrylic adhesive.
- Immediate and permanent adhesion.
- Very good adhesion on glass, steel, aluminium, PVC, melamine, ... except grained surfaces or acrylic paints.

**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:**

- Vertical outdoor exposure with laminate: 2 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. 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](http://www.hexisgroup.com).