



DATA SHEET DIGITAL PRINTING TRANSPARENT POLYESTER PERMANENT ADHESIVE  
**PCR 800 AD**

120 micron transparent finish polyester film, coated with permanent acrylic pressure sensitive adhesive, suitable for aqueous inks.

**SPECIFICATIONS:**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	225	
• Specific weight (g/m <sup>2</sup> ):	275	HEXGSM001
• Adhesive polyester weight (g/m <sup>2</sup> ):	195	HEXGSM001

**PRINTER AND INK COMPATIBILITY:**

- Aqueous dye inks.
- Thermal and piezo-electric printers.

**LINER:**

- Silicone liner paper 80 g/m<sup>2</sup> grey HEXIS print.

**ADHESIVE PROPERTIES:**

- |   |    |           |
|---|----|-----------|
| • Peel on glass at 180° (N/25mm):   |    | HEXFTM001 |
| 20 minutes after application  | 11 |           |
| 24 hours after application  | 13 |           |
| • Initial tack (N/25mm):  | 10 | HEXFTM009 |
| • The adhesive is resistant to most chemicals (alcohol, diluted acids, oils). |    |           |

## **RECOMMENDATIONS:**

- Touch dry after less than 10 minutes depending on printer.
- The dye inks are sensitive to light, these prints should not be exposed to direct sunlight.
- The print may be cold laminated with a clear self-adhesive vinyl (Hexis V700). **NOT SUITABLE FOR HOT LAMINATING OR ENCAPSULATING.**
- The visual appearance of the print may be modified/improved/protected by a judicious choice of a gloss, matt or satin lamination (V700).
- Before laminating or coating, inks need to dry for 24 hours.
- Media and prints are affected by direct projections of liquids and finger prints (strongly recommended gloves).
- Optimum environment: +10°C to 30°C (+50°F... +86°F) at 30...70% relative humidity.
- Acrylic solvent based adhesive.
- Immediate and permanent adhesion (not removable adhesive).
- Because the product is transparent, it is advisable to strengthen the overall density.
- 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 50% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

### **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).