



DATA SHEET DIGITAL PRINTING MATT PAPER PERMANENT ADHESIVE  
**PAP 100 AD**

Matt 115 micron paper, coated with permanent acrylic pressure sensitive adhesive, suitable for aqueous inks yarn printing.

**SPECIFICATIONS:**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	200	
• Specific weight (g/m <sup>2</sup> ):	190	HEXGSM00I
• Adhesive paper weight (g/m <sup>2</sup> ):	130	HEXGSM00I
• Opacity (%):	> 77	HEXOPA00I

**PRINTER AND INK COMPATIBILITY:**

- Aqueous dye inks or aqueous pigment inks.
- Piezo-electric printers and thermal printers.

**LINER:**

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

**ADHESIVE PROPERTIES:**

- |   |                |           |
|---|----------------|-----------|
| • Peel on glass at 180° (N/25mm):   |                | HEXFTM00I |
| 20 minutes after application  | paper tears up |           |
| 24 hours after application  | paper tears up |           |
| • Initial tack (N/25mm):  | 15             | HEXFTM009 |
| • Release (N/25mm):   | 0.20           | HEXFTM003 |
| • The adhesive is resistant to most chemicals (alcohol, diluted acids, oils). |                |           |

## **RECOMMENDATIONS:**

- Touch dry after less than 5 minutes depending on printer used.
- Designed for yarn printing (tracing four-colour plans).
- For indoor applications use dye inks. As dye inks are sensitive to light, these prints should not be exposed to direct sun light. Pigment inks suitable for indoor use.
- The print may be cold laminated with a clear self-adhesive vinyl (Hexis V700).
- 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.
- Application temperature +10°C...+30°C (+50°F...+86°F) at 30...70% relative humidity.
- Adhesion is immediate and permanent (not re-positionable).
- 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 50% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

### **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.

All published data are based on measurements carried out regularly under laboratory conditions. They do, however, 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 seller assumes 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).