



DATA SHEET DIGITAL PRINTING VINYL PERMANENT ADHESIVE V 800 MATT

Matt PVC film with a thickness of 110µm, coated with permanent acrylic pressure sensitive adhesive, intended for inkjet printing with aqueous inks.

CHARACTERISTICS OF THE FILM:

	<u>Average values</u>	<u>Standard</u>
• Total caliper (µm):	260	
• Specific weight (g/m ²):	290	HEXGSM001
• Coated adhesive face film only (g/m ²):	165	HEXGSM001
• Opacity (%):	>90	HEXOPA001

GENERAL PRINTER COMPATIBILITY:

- Aqueous dye inks
- Thermal inkjet

LINER:

- Unprinted silicone Kraft paper 137 g/m².
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Average values measured while editing the technical data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel on glass at 180° (N/25mm):		HEXFTM001
20 minutes after application	15	
24 hours after application	18	
• Initial tack (N/25mm):	13	HEXFTM009
• Release (N/25mm):	0.10	HEXFTM003
• The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

ADHESIVE:

- Acrylic solvent-based adhesive
- Immediate and permanent adhesion (non-repositionable adhesive)

USAGE GUIDE:

- Substrate/prints are affected by fingerprints and direct projections of liquids (gloves strongly recommended).
- Printable with waterbased dye inks for indoor applications. Exposed to light dye inks have only a relative stability and the images must not be exposed to direct sunlight.
- Touch dry after less than 10 minutes depending on printer used.
- Usage temperature range: +10°C to 30°C (+50°F to +86°F) at 30 to 70% relative humidity
- Very good adhesion on glass, steel, aluminium, PVC, melamine, etc ... 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 assessment / risk.

RECOMMENDATIONS FOR USE:

- The optimum drying time of the inks before laminating, coating or further processing is 24 hours.
- The surface aspect can be advantageously modified / improved / protected by judiciously application of the appropriate matt, satin or gloss V700 laminate.

STORAGE:

- Shelf life (before application):
1 year if stored at a temperature between +15°C to +25°C (+59°F to +77°F) and 50% relative humidity in the original packing in a vertical position in a dustfree environment.

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.hexis-graphics.com.