



## DATA SHEET DIGITAL PRINTING LATEX VINYL PERMANENT ADHESIVE HXL300WG2

LATEX-film with a thickness of 100µm, coated with a grey pressure sensitive acrylic adhesive. Micro-structured adhesive for faster application and elimination of air. Suitable for solvent, eco-solvent, HP-Latex, UV inkjet printing. Gloss surface finish.

### **CHARACTERISTICS OF THE FILM:**

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	100	
• Total caliper (µm):	275	
• Total specific weight (g/m <sup>2</sup> ):	300	HEXGSM001
• Tensile strength (N/25mm):	min. 20	HEXNFX4102I
• Elongation at break (%):	min. 100	HEXNFX4102I
• Dimensional stability (mm): after 168h at 70°C	< 0.4	HEXRET001

### **GENERAL PRINTER COMPATIBILITIES:**

	<b>Solvent</b>	<b>Eco-solvent</b>	<b>HP-latex</b>	<b>UV</b>
<b>HXL300WG2</b>	✓	✓	✓	✓

### **LINER:**

- Embossed siliconed PE paper 145g/m<sup>2</sup> with grey HEXIS imprint.
- Stable under hygrometric variations.

### **ADHESIVE PROPERTIES:**

(Average values measured at the time of editing the data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel on glass at 180° (N/25mm): 20 minutes after application	12	HEXFTM001
24 hours after application	17	
• Initial tack (N/25mm):	17	HEXFTM009
• Release (N/25mm):	0.2	HEXFTM003

### **ADHESIVE:**

- Grey solvent based acrylic adhesive.
- Structured adhesive for faster application and elimination of air.
- Immediate and permanent adhesion; maximum adhesion after 24 hours.

**USAGE GUIDE:**

**What is a film latex film?** A latex film is made from aqueous emulsion of a plastic material.

**What are the advantages of latex films?** Such products reduce the impact on the environment thanks to their very specific production process. HEXIS consumes less energy during the production of the ingredients that compose these products.

- Touch dry after less than 10 minutes depending on printer used.
- Recommended application temperature: +20°C to 25°C (+68°F to 77°F).
- Exposure temperature range (outdoors): -40°C to +90°C (-40°F to +194°F).
- Dry application.

The HXL300WG2 must only be dry applied because of its special HEX'PRESS liner. The structured adhesive makes the film repositionable during transfer, however the film still needs to be firmly applied to achieve optimum adhesion of the film on the substrate.

- 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 assessment/risk.

**RECOMMENDATIONS FOR USE:**

- Optimum drying time of the inks before laminating or further processing is 24 hours minimum.
- The surface aspect of prints can be improved/protected by applying the laminate LATEX PL300CG2.

**STORAGE:**

- Shelf life (before application):  
1 year if stored unopened in the original packing at a temperature between +15°C and +25°C (+59°F to +77°F) and 30 to 70% relative humidity.

**DURABILITY:** (Central Europe on flat surfaces)

- Unprinted vertical outdoor exposure: 4 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. 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](http://www.hexis-graphics.com).