



## TECHNICAL DATA SHEET - DIGITAL PRINTING - LATEX LAMINATE - PERMANENT ADHESIVE

**PL300CG2**

Film composed of an 30- $\mu$ m, clear LATEX, which is coated with a pressure-sensitive acrylic adhesive. Glossy surface finish, for cold laminating HXL300WG2 LATEX film.

**FILM FEATURES:**

	<u>Indicative value</u>	
• Thickness ( $\mu$ m):	30	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 10	HEXNFX41031
• Elongation at break (%):	min. 100	HEXNFX41031
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.4	HEXRET001

**LINER:**

- Silicone-coated PE paper 145 g/m<sup>2</sup>, with grey HEXIS print.
- Stable under hygrometric variations.

**ADHESIVE PROPERTIES:**

(Measured average values at publication of the technical data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFMTM001
after 20 minutes of application	8	
after 24 hours of application	8	
• Initial tack (N/25 mm):	12	HEXFMTM009
• Release (N/25 mm):	0.3	HEXFMTM003

**ADHESIVE:**

- Solvent-based, acrylic adhesive.
- Immediate and permanent adhesion.

**USER'S INSTRUCTIONS:**

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

**What are the advantages of latex films?** These products have a reduced environmental impact due to their very specific manufacturing process. HEXIS consume less energy in the production of the elements that go into the composition of these products. Furthermore, the consumption of organic material derived from oil is lower.

- Protection of the HXL300WG2 LATEX film for solvent inkjet printing.
- For any lamination, coating or other, optimal drying time for the inks is 24 hours.
- UV protection.
- Minimum recommended application temperature: +10 °C (+50 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F).
- The film must be cleaned with a non-abrasive sponge or soft cloth.
- In the case of an already painted substrate, self-adhesive media must only be applied to undamaged original paintwork. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

**STORAGE:**

- Shelf life (before use):

The shelf life of this film is 1 year when stored upright in its original packaging in a dust-free environment at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

**DURABILITY:** (Central European climate)

- Vertical outdoor exposure: 3 years.

*To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the "Conversion rules for indicative durabilities according to geographical area" chart available under Durability, on the "Professionals" pages on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).*

**NOTES:**

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods which are available on request. Please feel free to contact us to get the latest instructions in use. All the published information is based on measurements regularly performed in the laboratory. It does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).