



TECHNICAL DATA SHEET - DIGITAL PRINTING - LATEX - PERMANENT ADHESIVE HXL300WG2

Film composed of a 100- μm LATEX, which is coated with a pressure-sensitive grey acrylic adhesive. Micro-structured adhesive for faster application and air egress. For solvent, eco-solvent, latex and UV inkjet printing. Glossy surface finish.

FILM FEATURES:

	<u>Average values</u>	<u>Standard</u>
• Thickness (μm):	100	
• Total thickness of the product (μm):	275	
• Total weight of the product (g/m^2):	300	HEXGSM001
• Tensile strength (N/25 mm):	min. 20	HEXNFX4102I
• Elongation at break (%):	min. 100	HEXNFX4102I
• Shrinkage 168 hours at +70 °C (158 °F) (mm):	< 0.4	HEXRET001

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent	Latex	UV
HXL300WG2	✓	✓	✓	✓

LINER:

- Silicone-coated and embossed PE paper 145 g/m^2 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):		HEXFTM001
after 20 minutes of application	12	
after 24 hours of application	17	
• Initial tack (N/25 mm):	10	HEXFTM009
• Release (N/25 mm):	0.2	HEXFTM003

ADHESIVE:

- Solvent-based grey acrylic adhesive.
- Structured adhesive for faster application and air egress
- Immediate and permanent adhesion, optimal after 24 hours of contact.

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 reduce the environmental impact due to their very specific manufacturing process. HEXIS consumes less energy in the production of elements that go into the composition of 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).
- Operating temperature range (outdoor): -40 °C to +90 °C (-40 °F to +194 °F).
- Dry application.

It is mandatory to apply the so-called "dry" application method with the film HXL300WG2, due to its liner HEX'PRESS. This technology means you can easily reposition the film on the substrate during application, while not excluding the marouflage step for optimal adhesion of the film to the substrate.

- Adhesion on glass, steel, aluminium, PVC, melamine, etc. except grain substrates or substrates coated with acrylic paint.
- In the case of 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.

OPERATING RECOMMENDATIONS:

- For any coating and other, optimal drying time for the inks is 24 hours minimum.
- The surface finish of your printing may be improved/protected by one of the laminating films LATEX PL300.

STORAGE:

- Shelf life (before use):

The shelf life of this film is 1 year when stored unopened in its original packaging at a temperature ranging from +15 °C and +25 °C (+59 °F to +77 °F) with relative humidity between 30 % and 70 %.

DURABILITY: (Central European climate)

- Vertical outdoor exposure on flat surfaces:
unprinted: 4 years.
printed and laminated: 3 years.
printed: 2 years.

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 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.