

## PRODUCT DESCRIPTION

100µm LATEX-film, coated with a grey pressure sensitive acrylic adhesive. Micro-structured adhesive for convenient application and elimination of air bubbles. Suitable for solvent inkjet printers. Gloss surface finish.

## WHAT IS A LATEX FILM?

A latex film is made from a waterbased emulsion of plastic material.

## WHAT ARE THE ADVANTAGES OF LATEX FILMS?

These products reduce the environmental impact because of their very specific manufacturing process. HEXIS consumes less energy in the production of the components that are used to make these products. Furthermore, less organic matter from oil is consumed.



- › PVC Free
- › No plasticizers
- › reduces the impact on the environment
- › compatible with Bio and Latex inks
- › 100 microns
- › HEX'Press liner



## SPECIFICATIONS

	Average Value	Standard
› Thickness (µm):	100	
› Total caliper (m):	275	
› Total specific weight (g/m <sup>2</sup> ):	300	HEXGSM001
› Tensile strength (N/25mm):	min 20	HEXNFX41021
› Elongation at break (%):	min 100	HEXNFX41021
› Dimensional stability (mm) after 168h at 70°C:	<0,4	HEXRET001

## PRINTER AND INK COMPATIBILITY:

Solvent inkjet printers. Compatible with MUTOH Bio Inks and HP LATEX Inks.

## LINER

- › Embossed silicone PE paper 145 g/m<sup>2</sup> grey HEXIS print.
- › Stable under hygrometric variations.



## ADHESIVE PROPERTIES

	Average Value	Standard
Peel on glass at 180° (N/25mm) 20 minutes after application:	13	HEXFTM001
24 hours after application:	13	
Initial tack (N/25mm):	15	HEXFTM009
Release (N/25mm):	0,20	HEXFTM003

## RECOMMENDATIONS

- › Touch dry after less than 10 minutes depending on printer used.
- › The surface aspect can be advantageously improved by applying the appropriate laminate LATEX PL300CG2.
- › Optimum drying time before laminating or varnishing is 24 hours.
- › Minimum application temperature +10°C (+50°F).
- › Optimum environment -40°C to +90°C (-40°F to +194°F).
- › Grey solvent based acrylic adhesive.
- › Structured adhesive for convenient application and elimination of air bubbles.
- › Immediate and permanent adhesion; maximum adhesion after 24 hours.
- › Dry application. The HXL300WG2 can 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 risk.

## SHELF LIFE

1 year at +15°C to +25°C (+59°F to +77°F) and 30 to 70% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

## DURABILITY (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.hexisgroup.com](http://www.hexisgroup.com).

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