HXUR280WG2

BLANC

SOLV ÉCO-S LATEX UV

PRODUCT DESCRIPTION:

Film composed of 100-µm calendered, polymeric PVC, which is coated with a pressure-sensitive, ultra-reinforced acrylic adhesive. The physical and chemical distribution properties of the adhesive allow an increase of the contact surface between the film and the relief surface of structured or rough substrates. Also, the constraints to be exerted on the film in order to deform it are reduced. The adhesive is micro-structured for faster application and air evacuation. For solvent, eco-solvent, latex and UV inkjet printing. It has a glossy surface finish.

FILM FEATURES:

· Thickness	(Indicative value) **100 µm**	
· Total thickness	(Indicative value) **310 µm**	
· Total weight	(Average values) **350 g/m²**	Method **HEXGSM001**
· Tensile strength	(Average values) **min. 35 N/25 mm**	Method **HEXNFX41021**
· Elongation at break	(Average values) **min. 100 %**	Method **HEXNFX41021**
· Shrinkage 168 hours at 70 °C (158 °F)	(Average values) **< 1 mm**	Method **HEXRET001**

LINER:

· Silicone-coated and embossed PE paper 145 g/m² with light grey HEXIS print.

· Stable under hygrometric variations

ADHESIVE PROPERTIES:

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

Peel strength test at 180°
Measurement support glass

after 20 minutes of application	(Average values) **37 N/25 mm**	Method **HEXFTM001**
after 24 hours of application	(Average values) **39 N/25 mm**	Method **HEXFTM001**
Initial tack	(Average values) **29 N/25 mm**	Method **HEXFTM009**

Peel strength test 180°
Measurement support polypropylène

after 20 minutes of application	(Average values) **31 N/25 mm**	Method **HEXFTM001**
after 24 hours of application	(Average values) **33 N/25 mm**	Method **HEXFTM001**
Initial tack	(Average values) **16 N/25 mm**	Method **HEXFTM009**
Release	(Average values) **0.5 N/25 mm**	Method **HEXFTM003**

ADHESIVE:

· Solvent-based acrylic adhesive.

· Adhésif structuré pour pose et évacuation d'air plus rapide.

· Immediate and permanent adhesion.

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PRINTING GUIDE:

- Touch-dry after less than 10 minutes depending on printer used.
- Optimal drying time for the inks before laminating or further processing is 24 hours minimum.

USER'S INSTRUCTIONS:

- Dry application method

  It is mandatory to use the so-called «dry» application method with this film, due to its HEX'PRESS *liner. This technology means you can easily reposition the film on the substrate during application, while not excluding the squeegeeing step for optimal adhesion of the film to the substrate.*

- Recommended minimum application temperature : +10 °C (+50 °F)
- acceptable down to -1 °C (+30 °F).
- Operating temperature range : -40 °C to +90 °C (-40 °F to +194 °F)
- Operating temperature range on irregular surfaces : maximum +60 °C (+140 °F).

Due to the wide variety of existing substrates, the application of film to an unsuitable and/or not adequately prepared surface or coating may result in media lifting from the substrate or damage to the substrate when the film is removed. The application and removal of the film are at the judgement and risk of the installer. HEXIS will not, under any circumstances, be liable for any damages or deteriorations caused by the installation or removal of a vinyl film.

- For application to irregular surfaces, the substrate must be cleared of all traces of dust to ensure optimum adhesion of the film.
- In the case of painted substrates, 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.

If necessary, refurbish the substrate or existing laminate before applying the vinyl. A drying time of 7-10 days may be needed before proceeding with the film application. The degassing of a non-dried paint can lead to lifting, bubbles and tearing of the film.

OPERATING RECOMMENDATIONS:

- The surface finish of the printings may be modified/improved/protected by applying the appropriate laminate: V750 or PC500. For UV printings, use the protective VCR750 laminate.

STORAGE:

Storage period before use
1 year

Storage temperature
+15 °C to +25 °C (+59 °F to +77 °F)

Relative humidity during storage
with relative humidity between 30 % and 70 %

Storage method before use
in its unopened original packaging

DURABILITY: (Central European climate)

- Vertical outdoor exposure:
  Unprinted: up to 8 years.
  Printed and laminated:
  - PC500: up to 5 years,
  - V750: up to 4 years,
  - VCR750: up to 3 years.

  Printed: up to 2 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.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium 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 of the published information is based on measurements regularly performed in the laboratory. The published information 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.

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