VCXR301WG1

WHITE

SOLV ÉCO-S LATEX UV

PRODUCT DESCRIPTION:

The films are composed of 100-µm, calendered, monomeric PVC, which is coated with a pressure-sensitive, extra-reinforced, permanent acrylic adhesive. Due to their extra-reinforced adhesive, these products are particularly recommended for application to smooth or slightly grainy walls (such as concrete, chipboard, plywood etc. or low-energy surfaces (polyethylene, polypropylene, etc.). For solvent, eco-solvent, latex and UV inkjet printing. They have a glossy surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 100 µm	
• Total thickness	(Indicative value) 330 µm	
• Total weight	(Average values) 350 g/m²	Method HEXGSM001
• Tensile strength	(Average values) min. 40 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 100 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 1.2 mm	Method HEXRET001

LINER:

- Silicone-coated PE paper 145 g/m² with light blue 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) 30 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 34 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 37 N/25 mm	Method HEXFTM009
• Peel strength test 180°; Measurement support polypropylène		
after 20 minutes of application	(Average values) 23 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 25 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 21 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.1 N/25 mm	Method HEXFTM003

- The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

ADHESIVE:

- Solvent-based acrylic adhesive.
- Special low-energy surface adhesive (polypropylene, polyethylene, etc.).
- Immediate and permanent adhesion.

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PRINTING GUIDE:

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

USER'S INSTRUCTIONS:

- 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)

Due to the wide variety of existing substrates, the application of film to an unsuitable and/or inadequately prepared surface or coating may result in media lifting or damage 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.

- Very good adhesion to glass, steel, aluminium, PVC, melamine, smooth or slightly granular surfaces, etc., except for chalky or damaged substrates (cracks, holes, humidity or condensation spots, excess of texture).

If necessary, refurbish the substrate or existing laminate before applying the vinyl.

- Carry out a degassing test on freshly painted surfaces before applying any film.

A drying time of 7-10 days may be needed before proceeding with the film application. The degassing of an undried paint can lead to lifting, bubbles and tearing of the film.

OPERATING RECOMMENDATIONS:

- The surface finish of the prints may be modified/improved/protected by applying the appropriate laminate: V700 or V650. For UV prints, use the protective VCR650 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 of 50 %

Storage area
in a dust-free environment

Storage method before use
in its unopened original packaging

Orientation of rolls before use
vertically

DURABILITY: CENTRAL EUROPEAN CLIMATE

- Vertical outdoor exposure on flat surfaces:
  Blank unprinted: 4 years.
- Vertical outdoor exposure on slightly grainy surfaces (concrete, chipboard, etc.):
  Printed and laminated with V700, V650 or VCR650: 2 to 4 months depending on exposure and climate conditions.
- Indoor exposure on slightly grainy surfaces (concrete, chipboard, etc.): 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.

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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