

HX301EPS

PRODUCT DESCRIPTION:

A 90- μ m, printable polypropylene film, which is coated with a pressure-sensitive acrylic adhesive. For short-term applications. Film intended for UV inkjet printing; it does not require a protective lamination. Satin surface finish.

What are the advantages of PVC-free films? These products reduce the environmental impact; they consume less energy in the production of the elements that go into their composition; they do not release volatile organic compounds during this phase, nor do they release acid gases (hydrogen chloride) in the event of combustion or solar deterioration.

FILM FEATURES:

• Thickness	(Indicative value) 90 μm	
• Total thickness	(Indicative value) 275 μm	
• Total weight	(Average values) 255 g/m²	Method HEXGSM001
• Tensile strength	(Average values) min. 10 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 100 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.4 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) 25 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 27 N/25 mm	Method HEXFTM001
- Initial tack

	(Average values) 16 N/25 mm	Method HEXFTM009
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- Release

	(Average values) 0.3 N/25 mm	Method HEXFTM003
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- The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

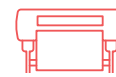
ADHESIVE:

- Solvent-based acrylic adhesive.
- Structured adhesive for faster application and air evacuation.
- Immediate and permanent adhesion.

PRINTING GUIDE:

- Touch-dry right after printing.
 - Laminating the film after printing is not recommended.

HEXIS cannot be held liable for any damage caused to the printed film by laminating the latter.



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)
- For application to irregular surfaces, the substrate must be cleared of all traces of dust to ensure optimum adhesion of the film.
- Very good adhesion to slightly rough surfaces (e.g. concrete), except chalky or damaged substrates (cracks, holes, humidity or condensation spots, excess of texture) or those coated with acrylic paint, etc.

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 original packaging



Orientation of rolls before use
vertically

DURABILITY: (Central European climate)

- Vertical outdoor exposure:
Unprinted: 6 months according to the substrate and type of exposure.

CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard

EN 13501-1:2018

Fire-smoke classification protocol no.

EFR-21-002593

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.