HEXVIEW

TRANSPARENT · SOLV · ÉCO-S · LATEX · UV

PRODUCT DESCRIPTION:

A film composed of 50-µm, very transparent, cast PVC, which is coated with a pressure-sensitive acrylic adhesive. For application to mineral or inorganic glass surfaces. Usable for solvent, eco-solvent, latex and UV inkjet printing. It has a glossy surface finish.

FILM FEATURES:

Thickness	(Indicative value) 50 µm	
Tensile strength	(Average values) min. 25 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 FTM14

LINER:

Silicone-coated PET liner 50 µm.

Stable under hygrometric variations

ADHESIVE PROPERTIES:

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

Peel strength test at 180° ; Measurement support glass

	(Average values)	Method
after 24 hours of application	≥ 15 N/25 mm	HEXFTM001

ADHESIVE:

Solvent-based acrylic adhesive.

Immediate and permanent adhesion, optimal after 24 hours of contact.

PRINTING GUIDE:

- If necessary, depending on the printer, set the feed rollers to medium-low pressure and, to limit film slipping during printing, unroll it manually (while preventing it from touching the ground).
- A preliminary test must be performed prior to any new printing project using UV inks in order to validate a satisfactory result. The use of UV inks can reduce the transparency of the HEXVIEW film.

Touch-dry after less than 15 minutes depending on the printer used.

Optimal drying time for the inks before laminating, coating or further processing is 48 hours minimum.

Adjust the drying time of the inks upon the type of printing technology used and the quantity of ink applied.

USER'S INSTRUCTIONS:

Wet application method

Recommended minimum application temperature: +10 °C (+50 °F)

Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)

- Application of the film to mineral or inorganic glass surfaces.

During application, it is mandatory to moisten the graphic with soapy water (diluted HEXISOAP - press 2 to 4x on the dispenser bottle per litre of water for correct dosing), clear water or EASYPOSE before any squeegeeing.

Both the ambient and the substrate temperature must comply with the minimum application temperature.

- To limit the risk of marking the film during the application, only use our very soft SHAGMITCH or SHAGFENCEM squeegees.
- To clean the film, use a non-abrasive sponge or soft cloth with soapy water.

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OPERATING RECOMMENDATIONS:

- The HEXVIEW film can also be used as laminate in order to protect your printings and optimise handling of the printed graphic.

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 on glass:
  Unprinted: 5 years.
  Printed and laminated with HEXVIEW: up to 5 years.
  Printed and non-laminated: depends on the ink used.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the absolute suitability of the medium for each specific 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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