

VCLEARCG1

PRODUCT DESCRIPTION:

Film composed of 100-µm monomeric PVC with improved transparency, which is coated with a pressure-sensitive acrylic adhesive. For solvent, eco-solvent, latex and UV inkjet printing. This film is intended for application to glass surfaces. It has a glossy surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 100 µm	
• Total thickness	(Indicative value) 215 µm	
• Total weight	(Average values) 270 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:

- 75-µm, silicone-coated PET liner.

ADHESIVE PROPERTIES:

• Peel strength test at 180°; Measurement support glass		
after 20 minutes of application	(Average values) 7 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 9 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 9 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.1 N/25 mm	Method HEXFTM003

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate adhesion; removable adhesive.

PRINTING GUIDE:

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

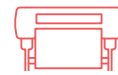
- Wet application method
- Recommended minimum application temperature: +15 °C (+59 °F)
- Operating temperature range: -15 °C to +50 °C (+5 °F to +122 °F)

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

- Apply to untreated mineral glass that is clean and free from all traces of contaminants (dust, grease, wax, silicone, etc.).

*Particular care must be taken to clean the angles and periphery of the glass surfaces in order to enable the film to adhere properly to the surface. **Clean the glass surface with soapy water only.***

- To limit the risk of marking the film during the application, only use our very soft MAXBLUE or SHAGFENCES squeegees. Before carrying out the squeegeeing step, it is also possible to place the previously removed protection liner on the film surface.



OPERATING RECOMMENDATIONS:

- The surface finish of your printings can be modified/protected by applying the VCLEARCG1 film as lamination.

When applied to laminated monomeric or polymeric PVC films, the removable adhesives can become semi-permanent. The duration of application and the type of exposure may accelerate this phenomenon.

STORAGE:



Storage period before use
1 year



Relative humidity during storage
with relative humidity between 60 % and 70 %



Storage temperature
-5 °C to 40 °C (+23 °F to +104 °F)



Storage method before use
in its unopened original packaging

DURABILITY: (European climate)

- Vertical outdoor exposure, unprinted: up to 1 years, depending on the substrate.
- Removability without leaving significant traces of adhesive: up to 6 months.

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.