



TECHNICAL DATA SHEET - PLOTTER VINYL - CRISTAL C 4000 Series

Range composed of 80- μ m, calendered, polymeric PVC that is coated with a pressure-sensitive acrylic adhesive. Glossy surface finish with **very high transparency**.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μ m):	80	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 25	HEXNFX4102I
• Elongation at break (%):	min. 105	HEXNFX4102I
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.6	HEXRET00I

LINER:

- Silicone-coated PET liner 75 μ m.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

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

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM00I
after 20 minutes of application	23	
after 24 hours of application	26	
• Initial tack (N/25 mm):	23	HEXFTM009
• Release (N/25 mm):	0.2	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, petrol, diluted acids, oils, fuels).		

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion; suitable for wet application.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F).
- For a uniform visual aspect, it is necessary to keep the same film application direction in order to ensure colour homogeneity according to the viewing angle.
- 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.

Due to its coiling tension, PET liner, and very high transparency, slight traces of mottling may be visible on the film before application. If any traces remain after application, they can be reduced by slightly heating the film with a heat gun.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 2 years when stored in its unopened original packaging at a temperature ranging from 15 °C to 25 °C (+59 °F to +77 °F) with relative humidity between 30 % and 70 %.

DURABILITY: (Central European climate)

- Vertical exposure: Up to 5 years upon colours.

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 the geographical area" chart available under Durability, on the "Professionals" pages on our site www.hexis-graphics.com.

CERTIFICATIONS:

- This product is B-s1, d0 classified according to the European standard EN13501-1:2018: Fire classification of construction products and building elements (protocol no. EFR-22-000327).

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.