



TECHNICAL DATA SHEET - PLOTTER VINYLs - FLUO

FLUO F 610 Series

Film composed of a 80- μm PVC, which is coated with a pressure-sensitive acrylic adhesive. Glossy surface finish.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μm):	80	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 15	HEXNFX41021
• Elongation at break (%):	min. 90	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.4	HEXRET001

LINER:

- Silicone-coated Kraft paper 137 g/m², with grey "THE CAST by HEXIS" print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

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

	<u>Average value</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	17	
after 24 hours of application	22	
• Initial tack (N/25 mm):	18	HEXFTM009
• Release (N/25 mm):	0.3	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: from -40 °C to +90 °C (-40 °F to +194 °F).
- For transfer, use the HEX750 tape (with dry application method).
- In the case of an already painted substrate, 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.

OPERATING RECOMMENDATIONS:

- The colour of the films is monitored by HEXIS to ensure a faithful reproduction of their colour tints. Nevertheless, in the case that your project requires the use of several rolls of the same colour reference, HEXIS recommend using only a single batch number of each reference.

STORAGE:

- Shelf life (before use):

The shelf life of this film is 2 years when stored unopened in its 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:

6 months.

These results were obtained from a vertical outdoor exposure and the durability conditions indicated are inherent to this position up to a few degrees. Other positions accentuate climatic influences and an alteration in gloss, colour or even a slight dusting may appear.

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 the published information is based on measurements regularly performed in the laboratory. It 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.