



## TECHNICAL DATA SHEET – PLOTTER VINYL – FLUO F610 SERIES

Film consisting of an 80- $\mu$ m PVC which is coated with a pressure-sensitive acrylic adhesive. Gloss surface finish.

### **FILM FEATURES:**

	<u>Average values</u>	<u>Standard</u>
• Thickness ( $\mu$ m):	80	
• Tensile strength (N/25 mm):	min. 15	HEXNFX4102I
• Elongation at break (%):	min. 90	HEXNFX4102I
• Dimensional stability (mm): after 168 hours at 70 °C (158 °F)	< 0.4	HEXRET00I

### **LINER:**

- Silicone-coated Kraft paper of 137 g/m<sup>2</sup>, with grey "THE CAST by HEXIS" print
- Stable under hygrometric variations

### **ADHESIVE FEATURES:**

(Average values measured at data sheet editing time)

	<u>Average values</u>	<u>Standard</u>
• Peel on glass at 180° (N/25 mm): after 20 minutes of application on glass	17	HEXFTM00I
after 24 hours of application on glass	21	
• Initial tack (N/25 mm):	17	HEXFTM009
• Release (N/25 mm):	0.25	HEXFTM003
• Solvent resistance: the adhesive is resistant to most chemical agents (alcohol, diluted acids, oils, fuels).		

### **ADHESIVE:**

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

**USER'S INSTRUCTIONS:**

- Minimum application temperature recommended: +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 already painted substrates, self-adhesive media must only be applied onto undamaged original paintwork. If the paintwork is not the original and/or is damaged, the application and the removal are at the installer's own judgement and own risk.

**RECOMMENDATIONS FOR USE:**

- The colour of the films is controlled by HEXIS in order to guarantee faithful reproduction of the colour tints. Nevertheless, should your project require the use of several rolls of a single colour reference, HEXIS recommends that you use only one batch number of this colour.

**STORAGE:**

- Shelf life before (before application):

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

**DURABILITY:** (Central Europe climate)

- Vertical exposure:  
6 months.

*These results are obtained from outdoor vertical exposure and the indicated durability conditions depend on this position up to a few degrees. Any other position accentuates the climatic impacts and furthers the appearance of gloss and colour alteration, even a slight dusting phenomenon can appear.*

**NOTES:**

Because of the great variety of substrates and the growing number of new applications, the installer must check the suitability of the media for each application. The measuring methods for the standards quoted above served as 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 information released originates from laboratory measurements on a regular basis. However, it does not constitute a binding warranty. The seller is not held accountable for indirectly related damages beyond the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Updates of our specifications are automatically available on our website at [www.hexis-graphics.com](http://www.hexis-graphics.com)