



## TECHNICAL DATA SHEET - PLOTTER VINYLs - REMOVABLE ADHESIVE ECE3xxxM Series

A 70- $\mu$ m, PVC-free film, which is coated with a removable, pressure-sensitive acrylic adhesive. Intended for an application to flat and smooth surfaces. Matt surface finish.

The film is classified as: B-s1,d0 (fire behaviour).

### **FILM FEATURES:**

	<u>Indicative value</u>	
• Thickness ( $\mu$ m):	70	
	<u>Average value</u>	<u>Standard</u>
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.2	HEXRET001

### **LINER:**

- Silicone-coated Kraft paper 137g/m<sup>2</sup>, with blue HEXIS print.
- 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):		HEXFTM001
after 20 minutes of application	5	
after 24 hours of application	6	
• Initial tack (N/25 mm):	6	HEXFTM009
• Release (N/25 mm):	0.1	HEXFTM003

### **ADHESIVE:**

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

**USER'S INSTRUCTIONS:**

- The film is B-s1,d0 classified (report no. EFR-19-002754) according to the classification standard for fire behaviour EN 13501-1.
- Recommended minimum application temperature: +10 °C (+50 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F).
- Application to flat and smooth surfaces.
- 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.
- 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 controlled by HEXIS in order to ensure 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 application):

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 outdoor exposure on flat surfaces:
  - 3 years;
- Vertical indoor exposure on flat surfaces:
  - 5 years;
- Removability: up to 6 months without significant traces of adhesive. After this period, adhesion may increase over time.

*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 geographical area" chart available under Durability, on the "Professionals" pages on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).*

**NOTES:**

Due to 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 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](http://www.hexis-graphics.com).