FLUO F610 Series

PRODUCT DESCRIPTION:

Range of products comprised of 80-µm PVC, which is coated with a pressure-sensitive acrylic adhesive. It has a glossy surface finish.

FILM FEATURES:

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

- Peel strength test at 180° ; Measurement support glass

after 20 minutes of application	(Average values) 14 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 19 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 15 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.2 N/25 mm	Method 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 transfer, use the HEX860 tape (with dry application method).
- 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.

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:

Storage period before use
2 years

Storage temperature
+15 °C to +25 °C (+59 °F to +77 °F)

Relative humidity during storage
with relative humidity between 30 % and 70 %

Storage method before use
in its unopened original packaging

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DURABILITY: CENTRAL EUROPEAN CLIMATE

- **Vertical exposure: 6 months.**

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

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.

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.

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