



# GFLXR210



## PRODUCT DESCRIPTION:

Film composed of a 210-µm, transparent, calendered, monomeric PVC with an embossed surface and which is coated with a pressure-sensitive acrylic adhesive. Intended for laminating UV inkjet printed films which are to be applied to floors. This structured laminate provides floors with additional safety against the risk of slipping.

## FILM FEATURES:

• Thickness	(Indicative value) <b>210 µm</b>	
• Tensile strength	(Average values) <b>min. 60 N/25 mm</b>	Method <b>HEXNFX41021</b>
• Elongation at break	(Average values) <b>min. 130 %</b>	Method <b>HEXNFX41021</b>
• Surface roughness	(Average values) <b>min. 20* µm</b>	Method <b>HEXRUG001</b>
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) <b>&lt; 1 mm</b>	Method <b>HEXRET001</b>

\* A surface roughness of less than 10 µm indicates a potentially hazardous floor in wet conditions.

## LINER:

- 75-µm, unprinted PET liner.
- 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) <b>25 N/25 mm</b>	Method <b>HEXFTM001</b>
after 24 hours of application	(Average values) <b>28 N/25 mm</b>	Method <b>HEXFTM001</b>
- Initial tack
 

	(Average values) <b>30 N/25 mm</b>	Method <b>HEXFTM009</b>
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- Release
 

	(Average values) <b>0.2 N/25 mm</b>	Method <b>HEXFTM003</b>
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- The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

## 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)
- Particularly suitable for cold laminating UV inkjet prints.

*Optimal drying time for the UV inks is 24 hours although the ink is solid immediately after printing. The polymerisation and reticulation time of the inks is variable upon the printer used and the quantity of ink applied. Please comply with this minimum waiting time before laminating the UV inkjet-printed film.*

- Due to its structure, the film can be used in different places, including stairways or slopes with gradients of up to 27°.



- The film can be cleaned using soapy water and an abrasive scouring pad.
- In the case of an already painted substrate, apply to undamaged original paintwork only. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.

## 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 of 50 %**



Storage area  
**in a dust-free environment**



Storage method before use  
**in its original packaging**



Orientation of rolls before use  
**vertically**

## DURABILITY: (Central European climate)

- Horizontal exposure under normal use conditions:
  - outdoors: 3 months,
  - indoors: 1 year.

*The film's durability on the floor depends on the type of traffic (shoes, carts, number of visitors, etc.) and cleaning to which it is exposed.*

*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).*

## CERTIFICATION:

Anti-slip rating



Standard of anti-slip rating  
**DIN 51130**

Anti-slip rating protocol no.  
**89222675 002**

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