



DATA SHEET - DIGITAL PRINTING - ANTI-SLIP LAMINATION (PERMANENT REINFORCED ADHESIVE)

GSOLR 170

170- μm , clear, momomeric, calendered PVC, whose surface is embossed and which is coated with a pressure-sensitive, acrylic adhesive. Intended for the lamination of UV inkjet printed vinyl films; to be applied to the floor. This structured lamination provides floors with additional safety to reduce the risk of slipping.

FILM FEATURES:

	<u>Average values</u>	<u>Standard</u>
• Thickness (μm):	170	
• Tensile strength (N/25 mm):	min. 60	HEXNFX4102I
• Elongation at break (%):	min. 130	HEXNFX4102I
• Surface roughness (μm):	min. 20*	HEXRUG00I
• Shrinkage (mm) after 168 hours at 70 °C:	< 1	HEXRET00I
• Anti-slip properties:	R9	DIN 51130

* A surface roughness of less than 10 μm indicates a potentially hazardous floor under damp conditions.

LINER:

- Silicone-coated paper of 80 g/m² with grey HEXIS imprint
- Stable under hygrometric variations

ADHESIVE FEATURES:

(Average values measured at data sheet editing time)

	<u>Average values</u>	<u>Standard</u>
• 180° peel strength test on glass (N/25 mm): after 20 minutes of application	25	HEXFTM00I
after 24 hours of application	29	
• Initial tack (N/25 mm):	28	HEXFTM009
• Release (N/25 mm):	0.4	HEXFTM003
• Solvent resistance: the adhesive is resistant to most chemical agents (alcohol, diluted acids and oils).		

ADHESIVE:

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

USER'S INSTRUCTIONS:

- Particularly suitable for the cold lamination of UV inkjet printed films.

Even though the ink is solid right after printing, the optimum drying time of the inks is 24 hours. The polymerisation and reticulation time of the inks is variable upon the printer used and quantity of the inks applied. Comply with this minimum waiting time before laminating the UV inkjet printed films.

- Thanks to its structure, the film can be used in different areas, including stairwells or slopes with panels inclined up to 10° (protocol no.: BBV 1419108-01 drawn up in accordance with standard DIN 51130).
- Recommended minimum application temperature: +10 °C (+50 °F)
- Operating temperature range: from -40 °C to +90 °C (from -40 °F to +194 °F)
- For film cleaning, use an abrasive household cleaning sponge with soapy water.
- For indoor use only
- 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.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 2 years if it is stored at temperature ranging from +15 °C to +25 °C (+50 °F to +77 °F), with relative humidity of 50 %, in its original packaging, in an upright position, in a dust-free environment.

DURABILITY:

- One year under appropriate using conditions

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.