



TECHNICAL DATA SHEET - DIGITAL PRINTING - ANTI-SLIP PVC - REMOVABLE ADHESIVE HW30IWM1

Film composed of a 150- μ m calendered, monomeric PVC with an embossed surface and which is coated with a pressure-sensitive acrylic adhesive. Usable for solvent, eco-solvent, latex and UV inkjet printing. Film intended for indoor application to smooth floors subject to a light or moderate number of visitors. This hexagonal-structured film provides floors with additional safety against the risk of slipping. Matt surface finish.

FILM FEATURES:

	<u>Indicative values</u>	
• Thickness without embossing (μ m):	150	
• Total thickness of the product (μ m):	375	
	<u>Average values</u>	<u>Standard</u>
• Total weight of the product (g/m^2):	380	HEXGSM001
• Tensile Strength (N/25 mm):	min. 40	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.7	HEXRET001
• Anti-slip properties:	R10	DIN 51130

GENERAL PRINTER COMPATIBILITES:

	Solvent	Eco-solvent	Latex	UV
HW30IWM1	✓	✓	✓	✓

LINER:

- Silicone-coated PE paper 145 g/m^2 with light 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 108° on glass (N/25 mm):		HEXFMT001
after 20 minutes of application	4	
after 24 hours of application	6	
• Initial tack (N/25 mm):	9	HEXFMT009
• Release (N/25 mm):	0.1	HEXFMT003

ADHESIVE:

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

USER'S INSTRUCTIONS:

- Due to its structure, the film can be used in different places, including stairways or slopes with gradients of up to 17.6°.
- Touch-dry after less than 10 minutes depending on printer used.
- Operating temperature range: -20 °C à +70 °C (-4 °F to +158 °F).
- The film can be cleaned using soapy water and an abrasive scouring pad.
- 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.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 1 years when stored in its original packaging in a dust-free environment at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with a relative humidity of 50 %.

DURABILITY:

- Horizontal exposure under normal use conditions:
 - Indoors: up to 6 months; depends on the type of traffic (shoes, carts, number of visitors, etc.) and cleaning.

CERTIFICATIONS:

- Anti-slip rating: R10 (protocol no. 89209409).

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.