TECHNICAL DATA SHEET - SIGN VINYLS

BLACKBOARD

Film composed of a 170-µm, calendered, monomeric PVC, which is coated with a pressure-sensitive acrylic adhesive. This product is intended for the creation of blackboards for chalk sticks. Slate black surface finish.

FILM FEATURES:

	Indicative value	
• Thickness (µm):	170	
	Average values	Standard
• Tensile strength (N/25 mm):	min. 70	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.5	HEXRET001
• Opacity (%):	> 99	HEXOPA001

LINER:

- Silicone-coated Kraft paper 137 g/m^2, with blue HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

	Average values	Standard
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	20	
after 24 hours of application	26	
• Initial tack (N/25 mm):	17	HEXFTM009
• Release (N/25 mm):	0.2	HEXFTM003

- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, 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).
- Only for use with chalk sticks, not chalk markers.
- Easily cleaned by wiping with a non-abrasive damp sponge.
- 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 2 years when stored in its unopened 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:

- Vertical indoor exposure: 2 years.

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.