



TECHNICAL DATA SHEET - SIGN VINYL P6000 SERIES – METALLISED PET

Range of products comprising of a 50- μ m, metallised PET, which is coated with a pressure-sensitive acrylic adhesive. Suitable for computer-aided cutting. Gold, rose gold, silver or brushed aluminium surface finish.

This film is intended for application to flat and smooth surfaces.

FILM FEATURES:

	<u>Indicative values</u>	
• Film's thickness (μ m):	50	
	<u>Average values</u>	<u>Standard</u>
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.2	HEXRET001
• Opacity (%):	> 99	HEXOPA001

LINER:

- Silicone-coated Kraft paper 137g/m², with 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 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	13	
after 24 hours of application	16	
• Initial tack (N/25 mm):	12	HEXFTM009
• Release (N/25 mm):	0.1	HEXFTM003

ADHESIVE:

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

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F).
- Application to flat and smooth surfaces.
- Film transfer with the following tapes:

		FILMS			
		P6871SB (gold super-glossy) / P6872SB (rose gold super-glossy)	P6871B (gold) / P6872B (rose gold)	P6870B (brushed aluminium)	P6877 (silver)
TAPES	HEX100			✓	✓
	HEX750	✓	✓	✓	✓
	HEX860		✓	✓	✓
	HEX900			✓	✓
	HEX901		✓	✓	
	HEX902			✓	✓
	HEX904			✓	✓
	HEX905	✓	✓	✓	✓
	HEX909		✓		✓
	HEX910		✓	✓	
	HEX915	✓	✓	✓	
	HEX930		✓	✓	✓

- The transfer must be carried out by turning together the Liner/Tape/Film upside down (tape beneath, liner on top), and by peeling off the liner while keeping the tape in a flat position.
- The non-adhesive-coated gold, silver or brushed aluminium surface of the P6000 range is sensitive to alcohol, acid or acetone splashes.
- 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.

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: (Central European climate)

Colours	Code	Indicative durabilities	
		Vertical indoor exposure	Vertical outdoor exposure
Gold	P6871B	5 years	6 months
Gold super-glossy	P6871SB	5 years	6 months
Rose gold	P6872B	5 years	1 year
Rose gold super-glossy	P6872SB	5 years	1 year
Silver	P6877B	5 years	1 year
Brushed aluminium	P6870B	5 years	1 year

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.