



TECHNICAL DATA SHEET – LAMINATE WITH GLITTER EFFECT / PERMANENT ADHESIVE

PCSTARXX Series

Range of products composed of a 70- μ m, clear, cast PVC with glitter effect, which is coated with a pressure-sensitive acrylic adhesive. Glossy or satin surface finish for cold laminating.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μ m):	70	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 20	HEXNFX4103I
• Elongation at break (%):	min. 100	HEXNFX4103I
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.5	HEXRET00I

LINER:

- Silicone-coated PET liner 75 μ m.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

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

	<u>Average value</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM00I
after 20 minutes of application	20	
after 24 hours of application	27	
• Initial tack (N/25 mm):	17	HEXFTM009
• Release (N/25 mm):	0.4	HEXFTM003

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion.
- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

USER'S INSTRUCTIONS:

- UV protection.
- For modifying/improving/protecting:
 - a plotter or wrap vinyl: only apply the PCSTARXXX film to unstructured films using a cold laminator or via direct application. The complex can be cut using a plotter, except Super Chrome films (see technical data sheets of Super Chrome films). After cutting, it is possible to transfer with the HEX904 and HEX860 tapes.
 - a digital printing film: apply the PCSTARXXX film to solvent, eco-solvent, latex or UV inkjet printed films.
 - an already painted substrate: only apply 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.
- Recommended minimum application temperature: +10 °C (+50 °F).
- Operating temperature range: from -40 °C to +90 °C (-4 °F to +194 °F).
- For film cleaning, only use a non-abrasive sponge or soft cloth and soapy water.

OPERATING RECOMMENDATIONS:

- Before applying this laminate to a HEXIS digital printing film, which has been printed with solvent inks, it is recommended to respect the following optimal drying time for the inks:
 - 48 hours if the printed film is cast,
 - 24 hours if the printed film is calendered.

STORAGE:

- Shelf life (before application):
The shelf life of this film is 1 year when stored upright 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 relative humidity of 50 %.

DURABILITY: (Central European climate)

- Vertical outdoor exposure:
Up to 3 years upon substrate.

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 the published information is based on measurements regularly performed in the laboratory. It 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.