



TECHNICAL DATA SHEET – PLOTTER VINYL SUPTAC S5000

2.56-mil (0.065-mm), high performance, calendered, polymeric PVC film, which is coated with a pressure-sensitive, solvent-based acrylic adhesive.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness:	2.56 mil 0.065 mm	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength:	min. 7.74 lb./in. min. 35 N/25mm	HEXNFX41021
• Elongation at break:	min. 100 %	HEXNFX41021
• Shrinkage 168 hours at 158 °F (70 °C):	< 0.015 inch < 0.4 mm	HEXRET001

LINER:

- 92# silicone-coated Kraft paper with grey print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

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

	<u>Average values</u>	<u>Standard</u>
180° peel strength test on glass:		HEXFTM001
after 20 minutes of application	3.098 lb./in. 14 N/25mm	
after 24 hours of application	3.983 lb./in. 18 N/25mm	
Initial tack	3.540 lb./in. 16 N/25mm	HEXFTM009
Release	0.066 lb./in. 0.3 N/25mm	HEXFTM003

- Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, petrol, diluted acids, oils, fuels).

ADHESIVE:

- Colorless, solvent-based acrylic adhesive (white for S5136B).
- Immediate and permanent adhesion, suitable for wet application to flat surfaces only.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +45 °F (+7 °C).
- Operating temperature range: -40 °F to +194 °F (-40 °C to +90 °C).
- For a uniform visual aspect, it is necessary to keep the same film application direction in order to ensure color homogeneity according to the viewing angle.
- Using tape or self-adhesive film on the S5433B surface will modify its appearance.

When removing the tape or self-adhesive film, sequins are torn off from the film surface and leave a visible mark.

- In the case of 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.
- Adhesion to glass, steel, aluminum, PVC, melamine, etc. except grain substrates or substrates coated with acrylic paint.

OPERATING RECOMMENDATIONS:

- For more information on the application method of the SUPTAC film, please refer to the Application Guide on the "Professionals" pages, category "Plotter vinyls" on our website www.hexis-graphics.com.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 2 years when stored unopened in its original packaging at a temperature ranging from +59 °F to +77 °F (+15 °C to +25 °C) with relative humidity between 30 % and 70 %.

INDICATIVE DURABILITIES:

- Vertical outdoor exposure:

Dominant color	Max. indicative durability (years) ⁽¹⁾
White, glossy black	10
Colors, other tints	8
Metallic colors	4
S5NORB Nordic Blue, S5LEB Electric Blue, S5GBEB Beige Grey	2

NOTES:

Due to 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 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.