



## TECHNICAL DATA SHEET - PLOTTER VINYLs - SPECIAL FOR TRUCK TARPULINS TB9000S Series

The film is composed of an 80- $\mu$ m, cast PVC, which is coated with a pressure-sensitive, acrylic adhesive. Intended for application to truck tarpaulins. It has a satin surface finish.

### **FILM FEATURES:**

	<u>Indicative value</u>	
• Thickness ( $\mu$ m):	80	
	<u>Average values</u>	<u>Standard</u>
• Tensile Strength (N/25 mm):	min. 15	HEXNFX41021
• Elongation at break (%):	min. 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.8	HEXRET001

### **LINER:**

- Silicone-coated Kraft paper 137 g/m<sup>2</sup> with grey "THE CAST by 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>
<b>On glass</b>		
• Peel strength test 180° (N/25 mm):		HEXFTM001
after 20 minutes of application	18	
after 24 hours of application	22	
• Initial tack (N/25 mm):	24	HEXFTM009
<b>On PVC banner</b>		
• Peel strength test 180° (N/25 mm):		HEXFTM001
after 24 hours of application	22	
• Release (N/25 mm):	0.3	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils, fuels).		

### **ADHESIVE:**

- Solvent-based acrylic adhesive.
- Immediate adhesion.

**USER'S INSTRUCTIONS:**

- This product is intended for application to road transport tarpaulins.

*Due to its flexibility, TB9000S adapts perfectly to the substrate's unevenness and therefore provides durable, long-term adhesion. The film will conform smoothly to the tarpaulin's undulations.*

- Dry application only.

*Since truck tarpaulins are generally structured, applying adhesive-coated film to a wet tarpaulin or applying film using an application liquid will strongly reduce the optimal film adhesion. The liquids trapped in the tarpaulin structure will not be able to be expelled during application.*

- Application to a new, clean and perfectly degreased tarpaulin (HEXIS'O or isopropyl alcohol).

*Applying to a used or new uncleaned tarpaulin is at the customer's judgement.*

- The application of the film must be carried out in a flat position on a rigid support.
- Possibility of transferring the film using the HEX904 tape.
- Recommended minimum application temperature: +15 °C (+59 °F).
- Operating temperature range: -40 °C à +90 °C (-40 °F to +194 °F).
- After application, wait for at least 24 hours with the tarpaulin stretched out before using the truck.

**OPERATING RECOMMENDATIONS:**

- HEXIS recommend verifying the compatibility of the film sample with the substrate under real conditions of use before completing the project. Many external factors that are not controllable by HEXIS, such as the chemical composition of the substrate and the environmental conditions of use, can have an impact on the durability of the film.
- For more information on the application and maintenance method of the TB9000S film, please refer to its Application Guide available under the "Professionals" heading, in the "Plotter vinyls" category on our website [www.hexis-graphics.com](http://www.hexis-graphics.com).

**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)

- Vertical outdoor exposure:  
up to 5 years except for: TB9990S (meteorite grey) and TB9873S (pyrite gold) up to 4 years.

*To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the "Conversion rules for indicative durabilities according to geographical area" chart available under Durability, on the "Professionals" pages on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).*

**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](http://www.hexis-graphics.com).