



TECHNICAL DATA SHEET - PLOTTER VINYLs – SPECIAL FOR TRUCK TARPAULINS

TB900S Series

Film composed of an 80- μ m cast PVC, which is coated with a pressure-sensitive acrylic adhesive. Intended for application to truck tarpaulins. Satin surface finish.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μ m):	80	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 15	HEXNFX4102I
• Elongation at break (%):	min. 100	HEXNFX4102I
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.8	HEXRET00I

LINER:

- Silicone-coated Kraft paper 137 g/m², 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 value</u>	<u>Standard</u>
On glass		
• Peel strength test 180° (N/25 mm):		HEXFTM00I
after 20 minutes of application	18	
after 24 hours of application	20	
• Initial tack (N/25 mm):	21	HEXFTM009
On PVC banner		
• Peel strength test 180° (N/25 mm):		HEXFTM00I
after 24 hours of application	22	
• Release (N/25 mm):	0.3	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, petrol, diluted acids, oils, fuels).		

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate adhesion.

USER'S INSTRUCTIONS:

- Dry application only.

Since the 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. Indeed, the liquids trapped in the tarpaulin structure cannot be evacuated during application.

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

The film flexibility is perfectly adapted to all the substrate's unevenness, hence providing long-term adhesion. It will freely undulate without any damage upon the tarpaulin movement.

- Application to a new, clean and perfectly degreased tarpaulin (HEXISO 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 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: from -40 °C to +90 °C (-40 °F to +194 °F).
- After application, wait for at least 24 hours with the tarpaulin stretched out before using the truck.
- Tarpaulin + film cleaning: Wait for one week before carrying out the first washing. Use of soft detergents (such as Shampcar). In the case of use of a high-pressure water jet, respect a minimum distance of 50 cm (19.69 in.) and a maximum water temperature of 35 °C (95 °F) while taking care of not focusing too heavily on the film's edges, otherwise this could peel off the latter.

HEXIS recommend forwarding these cleaning instructions to the end user. It is the responsibility of the end user to carry out a preliminary cleaning test on a small inconspicuous surface of the area concerned.

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 +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 (meteorites 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.

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.