



PTB900G – PTB900M – PTB900S



PRODUCT DESCRIPTION:

Film composed of a 50-µm, clear, cast PVC, which is coated with a pressure-sensitive acrylic adhesive. Intended for cold-laminating cast printable VTB901WG1 films for truck tarpaulins. Glossy (PTB900G), matt (PTB900M) or satin (PTB900S) surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 50 µm	
• Tensile strength	(Average values) min. 100 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 100 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.5 mm	Method HEXRET001
• UV absorption	(Average values) > 90	Method NF EN 410

LINER:

- Silicone-coated PE paper 145 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)

• Peel strength test at 180°; Measurement support glass		
after 20 minutes of application	(Average values) 16 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 19 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 21 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.2 N/25 mm	Method HEXFTM003
• The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F)
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
 - For protecting cast digital printing films for truck tarpaulins.
 - UV protection.
 - In the case of an 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.
 - 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 soft detergents (such as ShampcarV2). If you intend to use 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 not to focus too heavily on the film's edges at the risk of them peeling off.

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.



OPERATING RECOMMENDATIONS:

- Prior to any lamination, coating or other of a cast printed film for truck tarpaulins, you must wait for 48 hours after printing in order to ensure optimal drying time for the inks.

STORAGE:



Storage period before use
1 year



Storage temperature
+15 °C to +25 °C (+59 °F to +77 °F)



Relative humidity during storage
with relative humidity of 50 %



Storage area
in a dust-free environment



Storage method before use
in its original packaging



Orientation of rolls before use
vertically

DURABILITY: (Central European climate)

- **Vertical outdoor exposure:**
Without mechanical stress: **Up to 5* years.**
With mechanical stress: depends on the type and frequency of the stresses.

A film applied to surfaces exposed to mechanical stress will be subject to repeated abrasion that will more or less rapidly reduce its lifespan (change of appearance, peeling off, etc.).

- *Time during which the film retains a correct surface finish, from a conventional viewing distance. (A slight and gradual change in colour and gloss is a natural and inevitable phenomenon inherent in the natural breakdown of the materials). The durability indicated in this document concerns only the laminate and not the finished visual or graphic.

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 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.