



## VTB901WG1



VTB901WG1 :  
SPECIAL FOR TRUCK  
TARPAULINS



### PRODUCT DESCRIPTION:

Printable film composed of an 80-µm, cast PVC, which is coated with a pressure-sensitive, acrylic adhesive. For solvent, eco-solvent, latex and UV inkjet printing. Intended for application to truck tarpaulins. Glossy surface finish.

### FILM FEATURES:

• Thickness	(Indicative value) <b>80 µm</b>	
• Total thickness	(Indicative value) <b>305 µm</b>	
• Total weight	(Average values) <b>330 g/m<sup>2</sup></b>	Method <b>HEXGSM001</b>
• Tensile strength	(Average values) <b>min. 15 N/25 mm</b>	Method <b>HEXNFX41021</b>
• Elongation at break	(Average values) <b>min. 100 %</b>	Method <b>HEXNFX41021</b>
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) <b>&lt; 0.8 mm</b>	Method <b>HEXRET001</b>

### LINER:

- Silicone-coated PE paper 145 g/m<sup>2</sup> with light 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) <b>20 N/25 mm</b>	Method <b>HEXFTM001</b>
after 24 hours of application	(Average values) <b>23 N/25 mm</b>	Method <b>HEXFTM001</b>
• Initial tack	(Average values) <b>25 N/25 mm</b>	Method <b>HEXFTM009</b>
• Peel strength test 180°; Measurement support Bache PVC		
after 24 hours of application	(Average values) <b>22 N/25 mm</b>	Method <b>HEXFTM001</b>
• Release	(Average values) <b>0.4 N/25 mm</b>	Method <b>HEXFTM003</b>
• The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).		

### ADHESIVE:

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

### PRINTING GUIDE:

- Optimal drying time for the inks before laminating or further processing is 48 hours minimum.

### USER'S INSTRUCTIONS:

- Dry application method
- Recommended minimum application temperature: +15 °C (+59 °F)



## USER'S INSTRUCTIONS:

- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)

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.

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

Thanks to the film's flexibility that adapts perfectly to the substrate's unevenness and therefore provides durable, long-term adhesion, the film will conform smoothly to the tarpaulin's undulations.

- 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 flat position on a rigid support.
- Possibility of transferring the film using the HEX904 tape.
- After application, wait for at least 24 hours before using the truck.

## OPERATING RECOMMENDATIONS:

- The surface finish of your printings may be modified/improved/protected by applying one of these laminates: PC500, PC190 or PTB900.
- 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 VTB901 film, please refer to the Application Guide on the «Professionals» pages, category «Digital printing media» on our site [www.hexis-graphics.com](http://www.hexis-graphics.com).

## 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 between 30 % and 70 %**



Storage method before use  
**in its unopened original packaging**

## DURABILITY: (Central European climate)

- Vertical outdoor exposure:  
Unprinted: Up to 5 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).