

Macal Truck Tarp

PRODUCT DESCRIPTION

Macal Truck Tarp are cast vinyl film coated with specific adhesive designed to give a permanent adhesion on highly plasticized PVC banners or tarpaulins. Macal Truck Tarpaulin is designed for computer cutting, fast weeding and can be printable in digital print machines.

The serie is available in six popular opaque matt colours. A matt laminating film is available to protect the printed media, a dedicated Technical datasheet is issued - see 'Macal Truck Tarp Laminated'.

Face Material: 80 µm, cast vinyl, cadmium free

Adhesive: Acrylic clear permanent on plasticized PVC only

Liner: Clay coated 140 g/sqm with grey backprinting.

TYPICAL USE

Macal Truck Tarp are designed for exterior marking applications on curtain-side vehicles. The film shows permanent adhesion on all major Tarpaulin available (Sioen, Dickson, Heytex, Verseidag).

To ensure application suitability, always test the proposed construction under actual application and end-use conditions before going into full production.

COLOR MATCHING

Customer colour matching service is provided by MACtac. This colour match can be requested from a minimum quantity of 10 rolls (500 lm).

PROCESSING

Especially designed for flatbed and roll to roll signcutting machines. The white colored film is also printable in solvent, Eco-solvent, Latex and UV inkjet printing on wide-format printing equipment. Printing results are expected to be satisfactory from a larger viewing distance.

For further information on the use and applications of Macal Truck Tarp, please refer to TB 6.1 "Guidelines on handling, converting and applying Macal Truck Tarp Film."

APPLICATION METHOD

Macal Truck Tarpaulin can be applied either in wet or dry application methods. Detailed instructions are given in the TB 6.1 "Guidelines on handling, converting and applying Macal Truck Tarp Film."

To ensure application suitability, always test the proposed construction under actual application and end-use conditions before going into full production.

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Film + Adhesive (micron)	130	ISO 534
Gloss / Mattity	15	ISO 2813, 85°
Face Material data, 23°C		
Tensile Strength (N/15mm)	Min 11	ISO 527-3
Elongation at Break (%)	Min 150	ISO 527-3
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on mirror stainless steel		
- 20 min. residence	11	FTM1
- 24 hour residence	16	FTM1
- 24 Hour on Tarpaulin	15	FTM1
Dimensional stability		
Shrinkage (1 week at 70°C applied on Aluminium)	Max. 0,2 mm	FTM14
Temperature ranges		
Application (°C)	+10	Minimum
End-use (°C)	-40 to +60	

EXPECTED DURABILITY

Central Europe, zone 1

Unprocessed	5 years	ISO 4892-2
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Note : Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure. No durability warranty is given for horizontal exposure.

DISCLAIMER

For more information on the durability and exposure please visit the “Mactac Technical Bulletin TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films” on the [www.https://www.mactacgraphics.eu](http://www.mactacgraphics.eu) website.

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