

LF 10500 CG

PRODUCT DESCRIPTION

Premium optically clear cast PVC overlaminating film.

Face Material: 50 µm clear gloss PVC

Adhesive: Solvent acrylic permanent transparent

Liner: Polyester 70 g/sqm

TYPICAL USE

Laminating films specifically designed for the JT 7500 Series for short to medium-term indoor and outdoor applications on flat and slightly curved surfaces in order to:

- retard colour fade and protect printing media against UV radiation and abrasion
- enhance colours of the prints
- provides an optically clear, high gloss finish
- customize the media with homogeneous glossy finish

Suitable for application on: displays, shop windows, Point of Sale, bus, coach and vehicle decoration.

PROCESSING

Compatible with solvent, eco-solvent, Latex and UV curable inks.

LF 10500 CG needs to be laminated on JT 7500 Series to achieve optimal protection and durability.

For specific settings of the laminator, please consult the technical manual that comes with the laminator from the original supplier.

The printed media should be perfectly dry prior to lamination and be left to dry for at least 24h.

Mactac Laminating media must be applied following the instructions in TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media", available from the resource section at www.mactacgraphics.eu.

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 (microns)	50 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Quick Tack on glass	23.9	FTM 9
Peel 24 hours on glass	19	FTM 1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on aluminium)	Max 0.2mm	FTM14
Temperature ranges		
Minimum application temperature (°C)	+10°C	
Service temperature range of use (°C)	- 30°C to +60°C	
Certifications		
Fire Classification	B-s1,d0	EN 13501-1
Chemical resistance		
Resistant to short periods of immersion in water and short contact with detergents, alcohol and some aliphatic solvents. Not recommended for contact with ketones, esters, aromatic solvents and chlorinated hydrocarbons.		

EXPECTED DURABILITY

Central Europe Zone 1

Unprocessed	7 years	ISO 4892-2
Laminated*	Up to 3 years when used with JT 7500 Series	ISO 4892-2

*For more information, refer to "TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films".

Note : Overlamination of the inkjet-printed material delays the eventual colour fading that may occur over time. This colour fading is dependent on the quality of the inkjet inks, the orientation of the printed material, the angle of display and the exact geographical location of exposure.

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.

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