

LF 8500 CG-UV, CM-UV

PRODUCT DESCRIPTION

Monomeric calendered self-adhesive laminating film.

Face Material:

LF8500 CG-UV: 80µm clear gloss PVC

LF8500 CM-UV: 80µm clear matt PVC

Adhesive: Solvent acrylic transparent

Liner: PET 65gsm

TYPICAL USE

Laminating films specifically designed for the JT 8500 Series for short-term indoor and outdoor applications on flat or slightly curved surfaces:

- retard colour fade and protect printing media against UV radiation and abrasion
- enhance colours of the prints
- customize the media with homogeneous matt and glossy finishes.

Suitable for application on: display, shop windows, point of sale, general purpose promotional work.

PROCESSING

Specifically designed for media printed with solvent based, eco-solvent, Latex and UV curable wide format digital inkjet inks.

LF 8500 Series needs to be laminated on JT 8500 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 24hrs for flat & simple curve application.

Mactac laminating media must be applied following the instructions in TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media.", available from our 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)

Adhesive data, 23°C **Average values** **Test method**
(N/25 mm)

Quick tack on glass LF 8500 CG-UV, CM-UV	5	FTM 9
Peel 24 hours on glass LF 8500 CG-UV, CM-UV	12	FTM 1

Dimensional stability

Shrinkage (1 week at 70°C applied on aluminium)	Max. 0.75 mm	FTM 14
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Temperature ranges

Minimum application temperature	+ 10°C
Service temperature range of use	- 20°C to +60°C

Solvent and 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	3 years	ISO 4892-2.
Laminated*	2 years	ISO 4892-2.

*For more information, refer to Technical Bulletin 7.5: "Outdoor Durability of combined MACTac print media and laminates".

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. No durability warranty is given for horizontal exposure.

DISCLAIMER

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