

LF 8510 CS PP

PRODUCT DESCRIPTION

Polypropylene self-adhesive laminating film.

Face Material: 60 µm satin PP

Adhesive: Solvent acrylic permanent transparent

Liner: Clay coated 100 g/sqm

TYPICAL USE

Laminating film for JT 8510 WM-PG PP for short term applications on flat surfaces in order to

- retard colour fade and protect printing media against UV radiation
- provide protection against permanent damages and abrasion
- enable surface cleaning

PROCESSING

Compatible with Latex and UV-curing inks.

LF 8510 CS PP is dedicated to be laminated on JT 8510 WM-PG PP 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		
Face (microns)	60 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on glass		
Quick tack	13	FTM9
24 hour residence	22	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 0.75 mm	FTM14
Temperature ranges		
Minimum Application temperature (°C)	+ 5°C	
Service temperature range (°C)	- 30°C to + 60°C	
Certifications		
Fire Classification	B-s1,d0	EN13501-1
Solvent and chemical resistance		
Resistance to water, detergents, most diluted acids and alkalis. Not affected by short contact with most of aliphatic hydrocarbons and alcohol. Not recommended for use in contact with aromatic and chlorinated hydrocarbons.		

EXPECTED DURABILITY

Central Europe Zone 1

Unprocessed	5 years	ISO 4892-2
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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.

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](https://www.mactacgraphics.eu) website.

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