

## LF 9510 CM-UV PET

### PRODUCT DESCRIPTION

LF 9510 CM-UV PET is an Ultra Matt clear PET film. It is designed to protect digitally printed films against fingerprints and stains, making the cleaning and maintenance of the final graphic easier.

**Face Material:** 50 µm Ultra Matt clear polyester film

**Adhesive:** Solvent acrylic transparent

**Liner:** Clay coated Kraft, 140 g/sqm

### TYPICAL USE

LF 9510 CM-UV PET is intended to be used as protective overlamine for printed graphics, to prevent stains, protect against graffiti and to provide an ultra-matte and easy-to-clean finish. It is important to ensure that inks/toners are thoroughly dried and free of silicone additives that may hinder adhesion.

Cleaning is recommended using conventional cleaning methods following the prescribed manufacturer's recommendations, diluted accordingly and it is advised to limit the time of contact of the film with detergent.

### PROCESSING

Specifically designed for media printed with solvent, eco-solvent & Latex inks, the LF 9500 Series is also compatible with media printed with UV curable inks.

For specific settings of the laminator, please consult the technical manual that comes with the laminator from the original suppliers. The printed media should be perfectly dry prior to lamination and be left to dry for at least 24 hours.

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](http://www.mactacgraphics.eu).

The film is suitable for 2D applications. However, for angles of 90 degrees or greater, cutting the film is recommended.

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		
Face (microns)	50 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on stainless steel		
- 20 min. residence	11	FTM1
- 24 hour residence	13	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 0.2 mm	FTM14
Temperature ranges		
Minimum application temperature (°C)	+10°C	
Service temperature range of use (°C)	-30°C to +100°C	
Certifications		
Fire Classification	B-s1, d0	EN13501-1
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	4 years, indoor ONLY	ISO 4892-2
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*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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