

Anti-Fingerprint LF 9510

PRODUCT DESCRIPTION

MACtac Anti-Fingerprint LF 9510 is an Ultra Matt clear PET film that can be used either in combination with coloured/digital printed vinyls or in a direct application to decorate panels, counters, cabinets or tables. This clear protective film designed for interior application offers great protection against fingerprints and stains and makes them easy to clean. The specific topcoat ultra-matt film outlines the following features:

- PVC free
- Ultra matt aspect
- Easy to clean - persistent stains can be cleaned with AD Surface Cleaner
- Optimized adhesive to reduce the silvering on slightly rough surfaces (to be tested and validated by the customer prior to full application)
- High abrasion resistance
- Excellent dimensional stability
- Improved resistance to chemicals and solvents
- Indoor use only
- Suitable for 2D or flat surfaces

Face Material: 50 µm Ultra Matt transparent polyester

Adhesive: Hi-quality clear permanent, acrylic based

Liner: White bleached Kraft paper, 140 g/m²

TYPICAL USE

For direct application, the film can be applied using wet or dry methods. Dry application is mandatory on rough substrates. Avoid applications on porous natural stones as it may lead to staining upon removal. Converters should test the product compatibility before full application and validate the visual appearance.

The Anti-Fingerprint LF 9510 can be used as an overlaminating film on printed graphics or colored signage films with laminators. Cold lamination combined with low tension settings are advised.

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

PROCESSING

The Anti-Fingerprint LF 9510 can be applied directly to interior architectural surfaces for stain protection, decoration, and to provide an ultra-matte, easy-to-clean finish. When laminating over printed images, ensure inks/toners are thoroughly dry and free of silicone additives that may hinder adhesion.

Cleaning is recommended using AD Surface Cleaner or Isopropanol based cleaners following the prescribed manufacturer's recommendations, diluted accordingly. It is advised to limit the time of film in contact with the detergent.

SHELF LIFE

2 years

PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Film + Adhesive (µm)	85	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on stainless steel		
- 20 min. residence	11	FTM 1
- 24 hour residence	13	FTM 1
Dimensional stability		
Shrinkage (1 week at 70°C applied on Aluminium)	< 0.2 mm	FTM 14
Temperature ranges		
Application (°C)	Min. 10	
End-use (°C)	-30 to +100	
Flammability		
Sample mounted on aluminium	B-s1,d0	EN 13501-1
Solvent and chemical resistance		
Resistance to most:	oils and grease, fuel, aliphatic solvents, weak acids, salts and alkalis	

EXPECTED DURABILITY

Anti-Fingerprint LF 9510 is suitable for indoor applications ONLY. It has a 4 years durability indoor.

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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