

## IMAGIN LF 9500 Series

### PRODUCT DESCRIPTION

Polymeric calendered self-adhesive laminating film

#### Face material:

LF 9500 CG: 65µm clear gloss PVC

LF 9500 CM: 65µm clear matt PVC

#### Adhesive:

Clear acrylic transparent

#### Liner:

Clay coated 100 g/sqm

### TYPICAL USE

Laminating films specifically designed for the JT 9500 Series for medium to long-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
- customize the media with homogeneous matt and glossy finishes

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

### PROCESSING

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

LF 9500 Series needs to be laminated on JT 9500 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](http://www.mactacgraphics.eu).

### SHELF LIFE

2 years when stored at +15 to +25°C and ± 50 % relative humidity (in the original packaging).

### 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

### PHYSICAL PROPERTIES (TYPICAL VALUES)

Average values    Test method

#### Adhesive data, 23°C (N/25 mm)

Quick tack on glass	12	FTM 9
Peel 24 hours on glass	14	FTM 1

#### Dimensional stability

Shrinkage (48 hours at 70°C applied on aluminium)	< 0.3 mm	FTM 14
--	----------	--------

#### Temperature ranges

Minimum application temperature	+ 10°C
Service temperature range of use	- 30°C to +60°C

#### Certifications

Fire certification	B-s1, d0	EN13501-1
--------------------	----------	-----------

### EXPECTED DURABILITY\*

Central Europe Zone 1

Laminated	4 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

All Mactac statements, technical information and recommendations are based on tests believed to be reliable but do not constitute a guarantee or warranty. All Mactac products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. All Mactac's products are sold subject to Mactac's general terms and conditions of sale, see <http://terms.europe.averydennison.com>