

LAG 100

PRODUCT DESCRIPTION

Soft cast polypropylene self-adhesive anti-graffiti laminating film.

Face Material: 60 µm satin cast PP

Adhesive: Solvent acrylic permanent transparent

Liner: Clay coated 100 g/sqm

TYPICAL USE

Anti-graffiti laminating film especially designed for short term applications on flat and slightly curved surfaces in order to:

- provides protection against permanent damages from graffiti paints and abrasion
- eases surface cleaning
- retard colour fade and protect printing media against UV radiation
- does not influence the pH level of substrate to which it is applied

PROCESSING

Specifically designed for media printed with solvent, eco-solvent latex and UV curable inks.

For specific settings of the laminator, please consult the technical manual that comes with the laminator from the original supplier.

For outdoor use, care should be taken to prevent water penetration from the sides of the laminates.

The printed media should be perfectly dry prior to lamination and be left to dry for at least 24h.

Always clean off the graffiti as soon as possible from the film to ensure the best result.

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 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 | | |
| Resistant 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

| | | |
|-----------------------|---------------|------------|
| Processed (outdoors)* | Up to 3 years | ISO 4892-2 |
|-----------------------|---------------|------------|

*For more information, refer to "TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films".

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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