

## LUV 7036

### PRODUCT DESCRIPTION

Optically clear, high gloss polyester self-adhesive anti-graffiti laminating film.

**Face Material:** 36 µm high gloss polyester

**Adhesive:** Solvent acrylic permanent transparent

**Liner:** Polyester 36 g/sqm

### TYPICAL USE

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

- provides an optically clear, high gloss finish
- provides protection against permanent damages from graffiti paints and can be cleaned away with the help of our biodegradable graffiti remover TagAway, or with common solvents such as acetone, methanol or ammonium
- retard colour fade and protect printing media against UV radiation
- enhance colours of the prints

### PROCESSING

Specifically designed for media printed with UV curable inks, LUV 7036 is also compatible with media printed with solvent, eco-solvent & latex 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](http://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)	36 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion on glass		
- Quick tack	19	FTM9
- 24 hour residence	15	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 0.45 mm	FTM14
Temperature ranges		
Minimum application temperature (°C)	+ 15°C	
Service temperature range (°C)	- 30°C to + 100°C	
Certifications		
Fire Classification	B-s1, d0	EN13501-1
Solvent and chemical resistance		
Resistant to water and detergents. Also resistant to most diluted acids and alkalis.		
Not affected by short contact with most of aliphatic and aromatic hydrocarbons, ketones, esters, chlorinated hydrocarbons and alcohol.		

### EXPECTED DURABILITY

#### Central Europe Zone 1

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

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