LUV 6400

PRODUCT DESCRIPTION

Polypropylene self-adhesive laminating film.

Face Material: 125 µm clear matt PP
Adhesive: Solvent acrylic permanent transparent
Liner: Clay coated 100 g/sqm

TYPICAL USE

Laminating film especially designed for short term indoor floor graphics on flat and slightly curved surfaces in order to:

- provide a better adhesion on UV inks while reducing the silvering effect

- retard colour fade and protect printing media against UV radiation and abrasion

- enhance colours of the prints

- provide anti-slip properties

PROCESSING

Specifically designed for media printed with UV curable inks, LUV 6400 is also compatible with media printed with solvent, eco-solvent & latex inks.

LUV 6400 must be kept clean and dry to achieve optimal anti-slip properties.

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.

The use of industrial cleaning machines, cleaning chemicals or mechanical cleaners may deteriorate the overall performance of the film.

Due to the thickness of the film, delamination may occur if the overlaminated media is rolled too tight.

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)	125 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion on glass		
- Quick tack	14	FTM9
- 24 hour residence	12	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 1.0 mm	FTM14
Temperature ranges		
Minimum application temperature (°C)		+ 5°C
Service temperature range (°C)		- 30°C to + 60°C
Certifications		
Fire Classification	Self-extinguishing	
Slip Resistance*	PTV 114.5	EN13036-4

* For more information on Slip Resistance, refer to “TB 4.7 - Guidelines of Anti-slip resistance Certification Digital Mactac”.

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

Laminated (indoors)*	3 months	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.

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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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