

# **LUV 6301**

#### PRODUCT DESCRIPTION

PVC calendered self-adhesive sandy structured antislip laminating film.

Face Material: 100 µm Semi-matt PVC

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

Suitable for indoor floorgraphics for advertising such as shops, POS, work spaces and shopping centres.

#### PROCESSING

Specifically designed for media printed with UV curable inks, LUV 6301 is also compatible with media printed with solvent, eco-solvent & latex inks.

LUV 6301 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.

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  $\pm$  50 % relative humidity (in the original packaging).

# PHYSICAL PROPERTIES (TYPICAL VALUES) Average Values Test Method

Thickness						
Face (microns)	100 µm		ISO 534			
Adhesive data, 23°C (N/25 mm)						
Peel adhesion on g	glass					
- Quick tack		17	FTM9	FTM9		
- 24 hour residence		18	FTM1	FTM1		
Dimensional stability						
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 0.75 mm F		FTM14	FTM14		
Temperature ranges						
Minimum applicat	+ 10°C					
Service temperatu	- 20°C to + 70°C					
Certifications						
Fire Classification	Bfl-s1		EN13501-1			
Slip Resistance*	PTV 9	97	EN13036-4			

<sup>\*</sup> 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 somealiphatic solvents. Not recommended for contact with ketones, esters, aromatic solvents and chlorinated hydrocarbons.

## **EXPECTED DURABILITY**

### **Central Europe Zone 1**

Laminated (indoor	* 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.



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

Avery Dennison warrants that its Products meet its specifications. Avery Dennison gives no other express or implied guarantees or warranties with respect to the Products, including, but not limited to, any implied warranties of merchantability, fitness for any particular use and/or non infringement. All Avery Dennison products are sold with the understanding that the purchaser has independently determined the suitability of such products for its purposes. The period of warranty is one (1) year from the date of shipment unless expressly provided otherwise in the product data sheet. All Avery Dennison's products are sold subject to Avery Dennison's general terms and conditions of sale, see

http://terms.europe.averydennison.com. Avery Dennison's aggregate liability to Purchaser, whether for negligence, breach of contract, misrepresentation or otherwise, shall in no circumstances exceed the price of the defective, non-conforming, damaged or undelivered Products which give rise to such liability as determined by net price invoices to Purchaser in respect of any occurrence or series of occurrences. In no circumstances shall Avery Dennison be liable to Purchaser for any indirect, incidental or consequential loss, damage or injury, including without limitation, loss of anticipated profits, goodwill, reputation, or losses or expenses resulting from third party claims.

