

# ASLAN SL 310, SL 311, SL 312

## The UV-protecting film for short-and middle term outdoor applications

These laminating films protect surfaces like digital prints, prints, posters, plans etc. from ultraviolet rays, weather, mechanical damages and other external influences. Preferred is a use on smooth surfaces.

**ASLAN SL 310** - crystal clear, glossy  
**ASLAN SL 311** - transparent, semi-matt  
**ASLAN SL 312** - transparent, matt

For any further information please contact our technical advisory service:  
**+49 (0)2204.708-80**

### CONSTRUCTION

<b>face-film:</b>	PVC	
<b>thickness:</b>	~ 75 µm	
<b>adhesive:</b>	acrylic pressure adhesive	square quantity: ~ 25 g/m <sup>2</sup>
<b>release liner:</b>	silicon paper	square weight: ~ 67 g/m <sup>2</sup>

### CHARACTERISTICS

<b>adhesive strength: (ASTMD-903)</b>	immediately after 1 week	~ 5 N/25 mm ~ 10 N/25 mm
<b>dimensional stability:</b>	applicated onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -0.75 %
<b>UV-protection: (test cycle: QUV-8 hrs. UV 70°C/hrs. 4 hrs. Cond. 60°C)</b>	Durability of yellow dyed metallic polyester film	unprotected: max. 150 hours with SL 310, 311, 312 protected: min. 300 hours
<b>combustibility:</b>	Stuck on aluminium, the film is self-extinguishing.	
<b>temperature:</b>	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
<b>minimum durability:</b>	3 years outdoors, with vertical exposure, in middle-european climate.	

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## PROCESSING

- application:** Dry application only.  
To avoid the entering of moisture, the film should be applied with 1cm lapped on each side of the print.
- storage life:** Before application the films can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) and a relative humidity of the air of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either vertical standing or for this purpose designed 'hanging' racks.

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All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test our products suitability for the purpose intended.

The quality of our products is regularly examined, upgraded and developed. We reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.

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