

# ASLAN SL 17, SL 18

## The UV-protecting films for long-term outdoor application with extremely high UV-protection

This high-class laminating films protect surfaces like digital prints, prints, posters, papers etc. from ultraviolet rays, weather, mechanical damages and other external influences. Their especially high UV-protection class 6 extends the life span significantly.

Also usable are both laminating films for varnish- or film surfaces.

ASLAN SL 17 – crystal clear, high glossy  
ASLAN SL 18 – transparent, matt

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

### CONSTRUCTION

<b>face-film:</b>	PVC (polymeric softeners)	
<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: ~ 63 g/m <sup>2</sup>

### CHARACTERISTICS

<b>adhesive strength: (ASTMD-903)</b>	immediately after 1 week	~ 10 N/25 mm ~ 15 N/25 mm
<b>dimensional stability:</b>	applicated onto aluminium after 48 hours stored at 70 °C (25 x 25 cm)	max. -0.45 %
<b>chemical resistance:</b>	In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acids, alkalies and salts.	
<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 17, SL 18 protected: min. 750 hours

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## CHARACTERISTICS

<b>combustibility:</b>	Stuck on aluminium, the film is self-extinguishing.	
<b>temperature:</b>	application temperature:	min. 15°C
	service temperature range:	-30 °C up to +80 °C
<b>minimum durability:</b>	7 years outdoors, with vertical exposure, in middle-european climate.	

## PROCESSING

<b>application:</b>	Application dry or damp. If applied damp, a possible whiteing of the adhesive occurs but will fade away after a couple of days depending on the weather.	
	For a damp application we recommend the transfer liquid ASLAN TL10.	
	For the protection of inkjet-prints the film should be applied dry. To avoid the entering of moisture, the film should be applied with 1cm lapped on each side of the print.	
<b>storage life:</b>	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.

### ASLAN, Schwarz GmbH & Co. KG

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