

# ASLAN CT 116

## The translucent coloured films for illuminated signs

High-quality and substantial colour series for brilliant designs and letterings in light boxes and on advertising signs. It is characterised by a reduced surface gloss to avoid unwanted reflections and a streak free semi-matt surface.

The self-adhesive film has the same consistent colour whether viewed in reflecting light or fluoroscoped. No matter if back-lit or illuminated, the film has the same coloring backlit at day and night. Despite its high adhesive tack after 24 hours, the film is easily removable.

A release approval for the corresponding use as logo-colours from producers-side of the brands Coca-Cola and Pepsi-Cola are here on hand.

ASLAN CT 116 is ideal for computerised cutting of designs and lettering.

For any questions concerning special usage, for example with the use of translucent elastic cloth, please contact our technical advisory service:  
**+49 (0)2204.708-80**

### CONSTRUCTION

<b>face-film:</b>	PVC (polymeric softened)	
<b>thickness:</b>	~ 90 µm	
<b>adhesive:</b>	acrylic pressure adhesive, removable	square quantity: ~ 25 g/m <sup>2</sup>
<b>release liner:</b>	silicone cardboard	square weight: ~ 140 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. -0.45 %
<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>light proofness:</b>	DIN 53 388	non-fade grade: 6-8 (Woll-Scale)
<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>	7 years outdoors, with vertical exposure, in middle-european climate.	

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## PROCESSING

- printability:** The material is printable with solvent containing inks.  
(In case of inadequate drying of the printed inks the film will be sodded and the adhesive negatively affected.)
- application:** Application dry or damp. If applicated 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 application of letterings e.g., we recommend our ASLAN application tapes respectively the ASLAN TMO.
- 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 relativ 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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