

LightboxPrint Dryapply ASLAN DFL 20



The highly translucent digital printing film for illuminated signs

With its silk-mat surface and an especially high translucency, this white digital printing film is ideal for backlit applications.

Fine air release channels in the adhesive allow air bubbles to be wiped out with ease, making the application fast and simple for even the most inexperienced users.

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

Construction

| | | |
|-----------------------|---|---------------------------------------|
| face-film: | PVC (polymeric softeners) | |
| thickness: | ~ 90 µm | |
| adhesive: | acrylic pressure adhesive | square quantity: ~ 25 µm |
| release liner: | PE-coated silicon cardboard (double sided) | square weight: ~ 144 g/m ² |

Characteristics

| | | |
|---|---|-------------------------------------|
| adhesive strength: (ASTMD-903) | immediately after 1 week | ~ 5 N/25 mm ~ 7.5 N/25 mm |
| dimensional stability: | applied onto aluminum after 48 hours stored at 70 °C (25 x 25 cm) | max. -0.45 % |
| chemical resistance: | In a preece test of 24 hours the applied film is resistant to most petroleum based oils, greases and aliphatic solvents, mild acids, alkalis and salts. | |
| light proofness: | DIN 53 388 | non-fade grade: 7-8 (wool-scale) |
| light transmission: | DIN 53 147 | ~ 46% |
| combustibility: | Stuck on aluminum, the film is self-extinguishing. | |
| temperature: | application temperature: service temperature range: | min. 15°C -30 °C up to +80 °C |
| minimum durability: | 7 years outdoors, with vertical exposure, in middle-European climate. | |

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ASLAN 
EXPERTISE IN SELF-ADHESIVE FILMS

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Processing

| | |
|----------------------|--|
| printability: | The material is printable with solvent, eco-solvent, UV-curable and latex inks as well as with screenprinting inks. (In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.) |
| application: | The film has to be applied dry only. |
| 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. |

State: 01|2015

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 the suitability of our products for the intended purpose.

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

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