

# ASLAN DFP 07

## The polymeric digital printing film with very strong adhesion for long-term applications

This opaque digital print film is printable with all common solvent, eco-/mild-solvent, latex and UV-inks. A PE-coated release line ensures an ideal print result due to its moisture stability and its optimized thermal conduction.

To protect your printing results from UV-radiation, other external influences and mechanical damages and to extend the durability, we recommend an ASLAN-laminating film.

ASLAN DFP 07 is also ideal for long term application on rough and structured surfaces, on synthetic material difficult to handle and for applications needing a permanent adhesion. The film is perfectly suited for computerised cutting of designs and lettering and for doming applications.

For further information or questions regarding special applications please contact our technical advisory service:

**+49 (0)2204.708-80**

### CONSTRUCTION

|                       |   |                                       |
|-----------------------|---|---------------------------------------|
| <b>face-film:</b>     | PVC<br>(polymeric softeners)                |                                       |
| <b>thickness:</b>     | ~ 75 µm                                     |                                       |
| <b>adhesive:</b>      | acrylic pressure adhesive                   | square quantity: ~ 30g/m <sup>2</sup> |
| <b>release liner:</b> | PE-coated silicon cardboard<br>(both sides) | square weight: ~ 144 g/m <sup>2</sup> |

### CHARACTERISTICS

|   |  |                                     |
|---|--|-------------------------------------|
| <b>adhesive strength:<br/>(ASTMD-903)</b> | immediately<br>after 1 week  | ~ 12 N/25 mm<br>~ 23 N/25 mm        |
| <b>dimensional stability:</b>             | applied onto aluminium<br>after 48 hours stored at 70 °C<br>(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: 7-8<br>(wool-scale) |

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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>printability:</b> | The material is printable with solvent, eco-solvent, UV-curable and latex inks.<br>(In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.)  |
| <b>application:</b>  | 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.<br><br>For a damp application we recommend the transfer liquid ASLAN TL10.<br>For the application of letterings etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.          |
| <b>storage life:</b> | Before application the films can be stored for minimum 3 years from date of production.<br>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.

**ASLAN, Schwarz GmbH & Co. KG**

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