

UltraTack Matt ASLAN DFP 08

Matt polymeric digital printing film with extra strong adhesion for difficult surfaces

With extra strong adhesion, this matt, polymeric softened digital printing film is perfect for long-term applications requiring rock-solid, permanent adhesion. These include "hard-to-stick" substrates like non-polar surfaces such as rough or uneven areas as well as low surface energy materials (e.g. dividers or plastic waste bins).

The silicone paper liner, PE-coated on both sides, provides high resistance to moisture and heat and guarantees optimum printing results.

The matt surface of the film provides the perfect medium for applications in places where as little reflection as possible is desired.

To significantly extend the life of your prints, we recommend our PremiumProtect Matt ASLAN SL 18 laminates. It's ideal for use with the UltraTack range and offer protection from UV-rays, the weather and mechanical wear.

For further information or questions regarding special applications please contact our technical advisory service: **+49 2204.708-80**

Construction

| | | |
|----------------|---------------------------------|--|
| Face film: | PVC, polymeric, white, matt | |
| Thickness: | ~ 80 µm (~ 3.15 mil) | |
| Adhesive: | pressure sensitive polyacrylate | square quantity: ~ 35 g/m ² |
| Release liner: | double sided PE coated paper | square weight: ~ 140 g/m ² |

Characteristics

| | | |
|--------------------------------|--|---|
| Adhesive strength (ASTM D903): | applied on stainless steel immediately: after 1 week: | ~ 12.5 N/25mm ~ 22 N/25mm |
| Dimensional stability: | applied onto aluminium after 48 hours stored at 70 °C (158 °F) (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, alkaline and salts. | |
| Light proofness: | DIN 53 388 | non-fade grade: 7-8 (wool-scale) |
| Combustibility: | Classified to flame retardant standard DIN 4102 / B1 Classified to Euroclass flame retardant standard DIN EN 13501-1, B-s1, d0 | |
| Toy safety: | Classified to the standard for toy safety DIN EN 71- 3 | |
| Temperature: | application temperature: service temperature range: | min 5 °C (41 °F) -30 °C (-22 °F) up to +80 °C (176 °F) |
| Durability: | Up to 7 years outdoors, with vertical exposure, in central European standard climatic conditions. | |

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Processing

Printability:

The material is printable with solvent, eco-solvent, UV-curable and latex inks as well as with screen printing inks. In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.

Application:

Application dry or wet. If applied wet, a whitening of the adhesive can occur, but will disappear after a couple of days depending on the weather conditions.

We recommend to perform a test application before applying the film onto surfaces with a non-stick coating such as box bodies for trailers, which are made out of plywood material, or plastic waste bins.

For wet applications we recommend the transfer liquid ASLAN TL10.
For the application of lettering etc. we recommend our ASLAN application tapes, respectively the ASLAN TMO.

Storage:

Before application the films can be stored up to 2 years from date of production. The film must be stored at room temperature (15-25 °C / 59-77 °F) and at a relative air humidity of 50-60%. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either standing vertically or in a purposely 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 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.