

UltraTack ASLAN DFP 07

The polymeric digital printing film with strong adhesive for difficult surfaces

This glossy white digital printing film is equipped with a very strong adhesive and is therefore the ideal solution for long-term applications that require a 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). A double-sided PE-coated silicon liner ensures that the film has a high stability against moisture and temperatures and guarantees an ideal print result.

The strong adhesive makes this film ideally suitable for 3D doming stickers.

To extend the life cycle of your prints significantly, we recommend our laminating films PremiumProtect ASLAN SL 17 and PremiumProtect Matt ASLAN SL 18. These are particularly designed to be used with our UltraTack range and provide protection against UV radiation, weather conditions and mechanical wear.

For further information or questions regarding special applications please contact our technical advisory service:
+49 (0) 2204.708-80

Construction

face-film:	PVC (polymeric softeners)	
thickness:	~ 75 µm	
adhesive:	pressure sensitive polyacrylate adhesive	square quantity: ~ 35 g/m ²
release liner:	silicone paper, PE-coated on both sides	square weight: ~ 140 g/m ²

Characteristics

adhesive strength: (ASTMD-903)	applied on stainless steel immediately after 1 week	~ 12.5 N/25 mm ~ 22 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, alkaline and salts.	
light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
combustibility:	Stuck on aluminum, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 5 °C -30 °C up to +80 °C
durability:	7 years outdoors, with vertical exposure, in central European standard climatic conditions	

ASLAN, Schwarz GmbH & Co. KG

Oberauel 2 · 51491 Overath · Germany

phone +49 (0) 2204.708 80 · **fax** +49 (0) 2204.708 50

e-mail info@ASLAN-Schwarz.com



www.ASLAN-Schwarz.com

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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 screen printing inks. In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.
application:	<p>Application dry or wet. If applied wet, a possible whitening of the adhesive occurs, but will fade away after a couple of days depending on the weather.</p> <p>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.</p> <p>For wet applications we recommend the transfer liquid ASLAN TL10. For the application of letterings etc. we recommend our ASLAN application tapes respectively the ASLAN TMO.</p>
gloss:	There can be matt areas on the surface of the high glossy film near the core of the roll. These can be caused by the rear of the backing paper, but will disappear after a short period of time and do not influence the print results.
storage life:	Before application, the films can be stored for minimum 2 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: 09|2017

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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phone +49 (0) 22 04. 708 80 · **fax** +49 (0) 22 04. 708 50

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