Hi!Tack Removable **ASLAN DFP 10**

Glossy high-tack digital printing film with optimised removability

The solution to a well-known sign making dilemma: a high-tack digital printing film for challenging substrates that is also easy and clean removable. This polymeric softened, white self-adhesive film sticks safely to demanding surfaces such as textured, highly absorbent, powder-coated, or low-energy substrates, both indoors and outdoors. Despite its strong adhesion, it can be repositioned exceptionally well during application and removed from many surfaces without leaving any residue.

For extended durability of prints, we recommend our laminates PremiumProtect ASLAN SL 17, PremiumProtect Matt ASLAN SL 18, or MagicProtect Matt ASLAN SL 99, which offers additional anti-sticker and anti-graffiti protection. These laminates are perfectly matched to the digital printing film and provide effective protection against UV rays, weather conditions, mechanical wear, and vandalism.

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

Construction

Face film:	PVC, polymeric softened	
Thickness:	~ 75 µm (3 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 35 g/m²
Release liner:	double sided PE coated paper	square weight: ~ 144 g/m²

Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 11 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, alkalis and salts.	
Light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
Temperature:	application temperature: service temperature range:	min 15 °C (59 °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.	

ASLAN Selbstklebefolien GmbH
Oberauel 2 | 51491 Overath | Germany
Fon +49 2204 708 80

E-Mail info@aslanfolien.de
Web www.aslanfolien.de

ASLAN®
KOMPETENZ IN SELBSTKLEBEFOLIEN

Hi!Tack Removable **ASLAN DFP 10**

Processing

Digital cutting:

The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 20 mm. When cutting the self-adhesive film, the cutting force should be set to a higher value, and a blade suitable for thicker materials should be used.

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.

After printing, the film should be allowed to evaporate for at least 48 hours so that the ink is completely dry before lamination and any solvent residues have diffused. Insufficient drying of the inks can soften the film and adversely affect the adhesive. Insufficient drying of the inks can soften the film and adversely affect the adhesive.

Application:

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.

The digital printing film has been developed for bonding to low-energy substrates and other difficult surfaces. For non-stick coated substrates, such as trailer box bodies made of coated plywood panels, we recommend using MonsterTack ASLAN DFP 05 with its even stronger adhesive. In all cases, we recommend a test application, as no guarantee can be given for any form of paint, non-stick coatings etc.

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.

Removability:

The recommended peel angle is 90°.

ASLAN does not provide any warranty or guarantee regarding removability. The removability depends on the substrate, the duration of use, and the environmental conditions. The higher the ambient temperatures, the shorter the residue-free removability:
• Smooth substrates such as glass, steel, etc.: at least two to three years
• Absorbent substrates such as concrete: approximately six to twelve months

Depending on the substrate, minimal adhesive residue may be noticeable, but it is marginal compared to other high-tack films. ASLAN always recommends conducting a test in the intended application.

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.

State 12|2024

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.

ASLAN Selbstklebefolien GmbH
Oberauel 2 | 51491 Overath | Germany
Fon +49 2204 708 80

E-Mail info@aslanfolien.de
Web www.aslanfolien.de

ASLAN®
KOMPETENZ IN SELBSTKLEBEFOLIEN