MonsterTack **ASLAN DFP 05**

Polymeric softened digital printing film with strong grip for extremely difficult surfaces

With a solvent vapour and lubricating oil resistant adhesive formulation, the polymeric, glossy digital printing film offers assurance for the most difficult applications. Trailer surfaces, such as plywood panels, which are often equipped with a dirt-repellent surface. Decals on construction vehicles, agricultural and industrial machines, that are subject to extreme mechanical stress and heavy pollution. Other demanding applications include campers and mobile homes, petrol pumps, low-energy substrates, ABS plastics, motocross vehicles - wherever really extreme conditions prevail, MonsterTack ASLAN DFP 05 is an optimal solution.

For applications to be done at temperatures below 0°C, MonsterTack ASLAN DFP 05 will offer a secure bond. The film can be applied at temperatures down to -10°C.* Despite its extremely high adhesive strength, MonsterTack ASLAN DFP 05 can be clean removed from low-energy surfaces as well as from steel - not leaving any residue.

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

Construction

Face film:	PVC, polymeric	
Thickness:	~ 70 µm	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 50 g/m²
Release liner:	double sided PE coated paper	square weight: ~ 140 g/m²

Characteristics

Adhesive strength (ASTM D903):	immediately:	~ 18 N/25mm (Stahl) ~ 12 N/25mm (PE) ~ 10 N/25mm (PP) ~ 28 N/25mm (PMMA)
	after 72 hours:	~ 34 N/25mm (Stahl) ~ 30 N/25mm (PE) ~ 28 N/25mm (PP) ~ 32 N/25mm (PMMA)
Dimensional stability:	applied onto aluminium after 48 hours stored at 70 °C (158 °F) (25 x 25 cm)	max. -0,5 %
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)
Combustibility:	Stuck on aluminium, the film is self-extinguishing.	
Sea water resistance:	Classified to Euroclass salt spray test DIN EN ISO 9227:2017	
Temperature:	application temperature: service temperature range:	min -10 °C (14 °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

MonsterTack **ASLAN DFP 05**

Processing

Printability:

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

Application:

The film has to be applied dry. For the application of cut letters etc. we recommend our ASLAN application tapes, respectively the ASLAN TMO.

We recommend to perform a test application before applying the film onto surfaces

*In the case of an application below 0°C (32° F), the specified final adhesive strength will possibly not be fully achieved. It is crucial to ensure that the substrate is dry and that there is no condensation on the surface where the film will be applied to.

If the film is used for the application of cut letters, weeding should be carried out immediately after cutting to prevent the adhesive from 'closing' on the cut line.

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 03|2022

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