MonsterTack Matt **ASLAN DFP 04**

Matt digital printing film with strong grip for extremely difficult surfaces

The matt version of our extremely high-tack digital printing film MonsterTack ASLAN DFP 05, offering an adhesive strength of up to 34 N, is designed for the most demanding applications. It is ideal wherever challenging conditions prevail and unwanted reflections must be avoided – for example, on construction, agricultural, and industrial machinery exposed to intense mechanical wear, on low-energy surfaces, ABS plastics, as well as on caravans and motorhomes.

The digital printing film is compatible with all common printing systems and can be applied at temperatures as low as -10 °C (14° F). Despite its extremely high adhesive strength, MonsterTack Matt ASLAN DFP 04 can be clean removed from low-energy surfaces as well as from steel – not leaving any residue.

To significantly extend the life of your prints, we recommend our PremiumProtect ASLAN SL 17 and PremiumProtect Matt ASLAN SL 18 laminates. They are ideal for use with the MonsterTack Matt ASLAN DFP 04 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	
Thickness:	~ 70 µm (~ 2.8 mil)	
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 (steel) ~ 12 N/25mm (PE) ~ 10 N/25mm (PP) ~ 28 N/25mm (PMMA)
	after 72 hours:	~ 34 N/25mm (steel) ~ 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)
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 Matt **ASLAN DFP 04**

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 applications involving lettering and cut graphics, we recommend using our ASLAN Application Tape SuperTackTape ASLAN TF 200. It is advised to leave the application tape, with its exceptionally strong adhesive, on the cut graphic for 20 minutes (slightly too long rather than too short), and to lightly squeegee it again before transferring. After this, the application can be carried out. Ideally, the film with the application tape should be laid on the tape side and peeled off from the liner at the back. The letter height for text should be at least 30 mm.

A test application is recommended before applying the film to the surface.

*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 11|2025

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