

Hi!Tack Dryapply Grey ASLAN DFL 09G



Glossy high-tack digital printing film with Dryapply technology and high opacity

The proven ASLAN Dryapply technology and a grey-pigmented adhesive for high opacity are key features of this high-tack digital printing film. With its enhanced adhesive strength, this glossy, polymeric softened digital printing film is perfect for long-term applications, even on challenging surfaces such as low-energy substrates, ensuring reliable adhesion. The grey adhesive provides excellent coverage, effectively concealing even high-contrast or coloured backgrounds. The adhesive with air-egress channels allows exceptional repositioning and ensures a bubble-free dry application.

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/m ²
Release liner:	Embossed silicone paper, PE-coated on both sides	square weight: ~ 135 g/m ²

Characteristics

Adhesive strength (ASTM D903):	immediately: after 1 week:	~ 11 N/25mm ~ 16 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)
Combustibility:	classified to Euroclass flame retardant standard DIN EN 13501-1 (C – s1,d0)	
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.	

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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.

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.

Application:

Dry application only.

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.

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.