

ASLAN DFP 17 Plus

The clear and glossy digital printing film for long-term applications

This transparent digital printing film is printable with all common solvent, or eco-/mild-solvent, latex and UV-inks. A PE-coated silicon release liner ensures an ideal print result due to its moisture stability and its optimized thermal conduction.

To protect your printing results from UV-radiation, other external influences, mechanical damages and to extend the durability, we recommend the ASLAN-protective film.

ASLAN DFP 17 Plus can also be used for computerised cutting of designs and lettering etc.

For any further information please contact our technical advisory service:
+49 (0) 2204. 708-80

CONSTRUCTION

face-film:	PVC (polymeric softeners)	
thickness:	~ 75 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 30 µm
release liner:	PE-coated silicon cardboard (both sided)	square weight: ~ 144 g/m ²

CHARACTERISTICS

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 6.3 N/25 mm ~ 10 N/25 mm
dimensional stability:	applied onto aluminium 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, alkalies and salts.	
light proofness:	DIN 53 388	non-fade grade: 7-8 (wool-scale)
combustibility:	Stuck on aluminium, the film is self-extinguishing	

ASLAN DFP 17 Plus

CHARACTERISTICS

temperature:	application temperature: min. 15°C service temperature range: -30 °C up to +80 °C
minimum durability:	7 years outdoors, with vertical exposure, in middle-european climate.

PROCESSING

printability:	The material is printable with solvent, eco-solvent, UV-curable and latex inks. (In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.)
application:	Application dry or damp. If applicated damp, a possible whiteing of the adhesive occurs but will fade away after a couple of days depending on the weather. For a damp application we recommend the transfer-liquid ASLAN TL10. For the application of letterings etc. we recommend our ASLAN Application Tapes respectively the ASLAN TMO.
gloss:	There can be matt areas on the surface of the high glossy film near the core of the roll. These may be caused by the silicon release liner reverse side, but will disappear after a short period of time and don't influence the print results.
storage life:	Before application the films can be stored for minimum 3 years from date of production. The film must be stored at room temperature (15-25 °C) and a relativ 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: 04/2010

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 our products suitability for the purpose intended.

The quality of our products is regularly examined, upgraded and developed. We reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.

ASLAN, Schwarz GmbH & Co. KG

POB 5165 · D-51486 Overath · Oberauel 2 · D-51491 Overath · Germany

fon +49 (0) 2204.708-80 · fax +49 (0) 2204.708-50 · e-mail info@ASLAN-schwarz.com

www.ASLAN-schwarz.com