

PrintMetal ASLAN CA 30

The printable metal effect film with high outdoor durability

The self-adhesive metal effect film with a 5 year outdoor durability is suitable for cutting plotters and also digitally printable with solvent, eco solvent, latex, UV-curable inks and screen printing. The film has the same colour effect on both sides and therefore is ideal for applications on glass surfaces. The colour range of 6 different effects allows creative and exclusive designs. Available in the colours silver and gold polished, copper, steel, silver and gold brushed.

For any further information please contact our technical advisory service:
+49 (0) 2204.708-80

Construction

face-film:	PVC/Polyester	
thickness:	~ 140 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 30 g/m ²
release liner:	silicone cardboard PE-coated on both sides	square weight: ~ 144 g/m ²

Characteristics

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 6 N/25 mm ~ 14 N/25 mm
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, alkaline and salts.	
combustibility:	stuck on aluminum, the film is self-extinguishing.	
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
durability:	up to 5 years outdoors, with vertical exposure, in middle-European climate.	

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EXPERTISE IN SELF-ADHESIVE FILMS

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Processing

printability: The material is digitally printable with all major solvent, eco solvent, latex and UV inks as well as with screen printing inks. (In case of inadequate drying of the printed inks the film will be sodded and the adhesive negatively affected.)

application: In general the film can be applied dry.

A wet application reduce static and helps repositioning. Being a PET base film water can't diffuse through the film. Therefore all water used has to be squeegeed out during application.

For the application of letterings etc. we recommend our ASLAN Application Tapes.

The PrintMetal ASLAN CA 30 can only be applied on smooth and even surfaces and is not suitable for curved surfaces.

gloss finish: There can be matt areas on the surface of the gloss finish near the core of the roll. These can be caused by the rear of the backing paper, but will disappear after a short period of time and do not influence the print results.

storage life: Before application the films can be stored for minimum 2 years from date of production. The film must be stored at room temperature (15-25 °C) and a relative 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: 09|2018

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.

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