

PrintMetal ASLAN CA 30

Printable metal effect film with extra long durability

This self-adhesive metal effect film offers 5 years outdoor durability and is perfectly suited both for plotting and for printing with solvent, eco-solvent, latex and UV-curing inks. With identical colour effects on both sides, PrintMetal ASLAN CA 30 is ideal for use on transparent surfaces. The range includes seven different coloured metal effects for creative and striking designs on all smooth surfaces. Available in polished silver, rose gold and gold as well as brushed copper, aluminium, gold and silver.

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

Construction

Face film:	PET/PVC	
Thickness:	~ 140 µm (5.5 mil)	
Adhesive:	pressure sensitive polyacrylate	square quantity: ~ 30 g/m ²
Release liner:	double sided PE coated paper	square weight: ~ 140 g/m ²

Characteristics

Adhesive strength (ASTM D903):	immediately:	~ 6 N/25mm
	after 1 week:	~ 14 N/25mm
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.	
Temperature:	application temperature:	min 15 °C (59 °F)
	service temperature range:	-30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 5 years outdoors, with vertical exposure, in central European standard climatic conditions.	

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Processing

Digital cutting:	The self-adhesive film is ideally suited for cutting. The vertical height of capital letters should not be smaller than 20 mm. When cutting the self-adhesive film, the pen pressure should be set a high and a cutter blade for thicker materials should be chosen.
Printability:	The material is printable with solvent, eco-solvent, latex and UV-curing as well as screen printing inks. In case of inadequate drying of the print-inks the film will be sodded and the adhesive negatively affected.
Application:	<p>In general the film can be applied dry.</p> <p>A wet application reduce static and helps repositioning.</p> <p>Being a PET base film water diffuses poorly 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.</p> <p>The PrintMetal ASLAN CA 30 can only be applied on smooth and even surfaces and is not suitable for curved surfaces.</p>
Gloss:	With high-gloss colours, the surface may become matt, especially near the core. This matting is an imprint of the silicone cardboard backing and disappears within a short time.
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.