

PrintMetal Dryapply ASLAN CPL 22



Printable metal effect film for easy dry applications

This printable metallic film, available in gold and silver, is characterized by a special top coating that provides excellent print quality. It is ideal for exclusive decorations of signs, glass and other smooth surfaces and provides an outdoor durability of 3-5 years.

The self-adhesive film can be applied dry easily and quickly thanks to the special "Dry apply" technology - fine air channels within the adhesive makes application without water simple, clean and efficient.

For any further information please contact our technical advisory service:
+49 (0) 22 04. 7 08-80

Construction

face-film:	polyester film with top coating	
thickness:	~ 50 µm	
adhesive:	acrylic pressure adhesive	square quantity: ~ 25 g/m ²
release liner:	silicone cardboard both sided PE coated, embossed	square weight: ~ 140 g/m ²

Characteristics

adhesive strength: (ASTMD-903)	immediately after 1 week	~ 6 N/25 mm ~ 10 N/25 mm
temperature:	application temperature: service temperature range:	min. 15°C -30 °C up to +80 °C
minimum durability:	3 - 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 curable inks as well as with screenprinting inks. After the printing process with solvent, eco-solvent and screenprinting inks the print has to dry out for at least 48 hours.
- surface protection:** An additional surface protection is required if the PrintMetal Dryapply ASLAN CPL 22 is exposed to humidity or mechanical pressure for a longer time. In these cases we recommend to protect the surface with a self-adhesive protection film.
- application:** This film has to be applied dry only and should not be applied on outgasing surfaces, like tempered acrylic glass. For the application of letterings etc. we recommend HighTackTape ASLAN TP 136 with a strong adhesion. If other materials are applied onto the PrintMetal Dryapply ASLAN CPL 22 they have to be applied dry only.
- The PrintMetal Dryapply ASLAN CPL 22 can only be applied on absolutely smooth and even surfaces and is not suitable for curved surfaces. Therefore it is not suitable for applications on cars and vehicles
- cleaning:** We recommend to clean it with water or mild soap sud. Aggressive cleaners like solvent-based cleaners for example are not suitable.
- 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 reverse side of the silicon liner, 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: 02|2015

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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