

LoopPET ASLAN DRL 19



White polyester digital printing film made with 30% post-consumer recycled polyester

This self-adhesive digital printing film is manufactured with 30% content of post-consumer recycled polyester (PET) made of shredded and cleaned plastics. Its white surface ensures high-quality printing with latex and UV curable inks while not only being PVC free but also being equipped with a solvent-free adhesive.

ASLAN Dryapply adhesive technology allows easy and dry, bubble-free application on flat surfaces, both indoors and outdoors. Furthermore, LoopPet ASLAN DRL 19 matches perfectly with the recycled PET laminate LoopLAM ASLAN SRL 19 – a PVC free, environmentally-friendlier and forward-thinking combination of recycled plastics for more sustainable digital printing.

For further information or questions regarding special applications please contact our technical advisory service:
+49 2204 70880

Construction

Face film:	Polyester, white (30% content of post-consumer recycled polyester)	
Thickness:	~ 50 µm (~ 1.9 mil)	
Adhesive:	Polyacrylic pressure sensitive adhesive	Square quantity: ~ 25 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 72 hours:	~ 1 N/25 mm ~ 6.5 N/25 mm
Dimensional stability:	Applied onto aluminium after 48 hours stored at 70° C (25 x 25 cm)	No shrinkage measurable
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 and mild alkalis.	
Light proofness:	DIN 53 388	Non-fade grade: 7-8 (wool-scale)
Combustibility:	Flame resistant (class B – s1, d0) according to DIN EN 13501-1:2010-01	
Temperature:	Application temperature: Service temperature range:	min. 10 °C (50 °F) -30 °C (-22 °F) up to +80 °C (176 °F)
Durability:	Up to 3 years outdoors, with vertical exposure, in central-European standard climatic conditions	

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Processing

Application:	<p>The film is to be applied dry. For the application of letterings etc. we recommend our ASLAN application tapes or our mounting film ASLAN TMO.</p> <p>Due to the variety of different substrates, it is highly recommended to perform adhesion tests prior to the application.</p>
Printability:	<p>The material is printable with common latex and UV curable as well as screen printing inks.</p>
Storage life:	<p>Before application the film can be stored for 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 in for this purpose designed 'hanging' racks.</p>

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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.