

LoopLAM ASLAN SRL 19



Polyester lamination film made with 70% post-consumer recycled polyester

This self-adhesive lamination film consists of 70% post-consumer recycled polyester (PET) made of shredded and cleaned plastics. Due to its high amount of adhesive, the glossy, highly clear lamination film is ideally suitable to protect prints made with UV curable inks. The laminate is not only PVC free but also equipped with a solvent-free adhesive.

The lamination film is suitable for applications on flat, smooth surfaces, both indoors and outdoors. Furthermore, LoopLAM ASLAN SRL 19 matches perfectly with the recycled polyester digital printing film LoopPET ASLAN DRL 19 – a PVC free, environmentally-friendlier and forward-thinking combination of recycled plastics for more sustainable digital printing and lamination.

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

Construction

Face film:	Clear polyester (70% content of post-consumer recycled polyester)	
Thickness:	~ 50 µm (~ 1.9 mil)	
Adhesive:	Polyacrylic pressure sensitive adhesive	Square quantity: ~ 35 g/m ²
Release liner:	Siliconised PET release liner	Square weight: ~ 36 g/m ²

Characteristics

Adhesive strength (ASTM D903):	Immediately: After 72 hours:	~ 9 N/25 mm ~ 18 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.	
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	

LoopLAM ASLAN SRL 19



Processing

Application:

The film is to be applied dry.

Due to the variety of different substrates, it is highly recommended to perform adhesion tests prior to the application.

At applications with other films, it is important to only use high quality films (like polymeric PVC-films for example), as otherwise wrinkles may occur due to different dimensional stabilities.

During the handling of isolating materials electrostatics could not be avoided. Therefore, an adequate earthing and a dust free environment are important. Increasing air humidity also helps to reduce the electrostatic charge.

When installing signs that have been laminated with LoopLAM ASLAN SRL 19 outdoors, care must be taken not to perforate the sign with screws. Due to the tensile stress on the material, water might run into the screw holes, which may result in a delamination of the self-adhesive film.

Storage life:

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.

State 6|2021

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.