ALTEC
INDUSTRIAL IDENTIFICATION

Technical datasheet

SW320CL

Linerless laminate

Description

Soft PVC film which conforms well to the substrate combined with a top-side siliconized transparent polyester film. Available in several colours, with a glossy surface.

Material	Soft PVC film combined with a siliconized transparent polyester film
Finishing	Glossy
Color	Transparent
Adhesive	Polyacrylate, permanent, high initial tack
Liner	Double sided paper release liner

Physical data PVC film

Technical data

Thickness (without protective paper and adhesive)	80 micron
Dimensional stability (FINAT TM 14)	Adhered to steel, no measurable shrinkage in cross direction, in length 0,4 mm max.
Temperature resistance	Adhered to aluminium, -40° C to +80° C, no variation
Water resistance	Adhered to aluminium, after 48h/23° C, no variation
Adhesive power (FINAT TM 1, after 24h, stainless steel)	16 N/25 mm
Tensile strength (DIN EN ISO 527)	Along: min. 19 MPa Across: min. 19 MPa
Elongation at break (DIN EN ISO 527)	Along: min. 130% Across: min. 150%
Shelf life	2 years in original packaging, at 20° C and 50% relative humidity
Application temperature	≥ 0° C (dry adhesion)
Average outdoor durability	7 years
Heavy outdoor applications	A160 UV-laminate is recommended

Liner

The liner consists of a white glassine paper, 92 g/m^2 ± 3 g/m^2, double sided coated with a solvent free silicone.

Siliconized film

A top-side siliconized transparent polyester film is applied to the PVC film.

Product data		Value		Test method
Physical properties				
Thickness (micron)	Sil-Up liner Adhesive	25 20-23	+/- 10% +/- 3	ASTM D 3652
Dimensional stability (%)	Machine Direction	n.a.		On AL panel at 70°C for 24 hr.

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Adhesion properties		
Adhesion from (N/25mm)	Average	
Stainless Steel	17 19 20 13	FTM 1 (72 hr dwell time)
	100	FTM 8
	540	ASTM D 2979

Note

Surfaces to which the material will be applied must be thoroughly cleaned and free from dust, grease or any other contamination that could affect the adhesion of the material.

Disclaimer:
Values shown in this document are averages only. For legal reasons, we emphasize that the information on this data is available as is and that Altec gives no guarantees with respect to the accuracy and completeness nor with respect to interpretations made on the basis of this information.

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