

Description

This tape consists of a black closed-cell polyethylene foam coated on both sides with a modified solvent acrylate adhesive. The modified solvent acrylate adhesive possesses a good adhesion on difficult substrate surfaces.

Carrier

Closed-cell polyethylene foam, black, 1000 micron

Liner

White paper, both sides coated with silicone, 90 g/m²

Adhesive

Modified solvent acrylate

Area of use

For constructional fixing and installation of a variety of materials such as metal, plastics, glass, ceramics. This product provides an excellent bonding performance in the manufacture of solar panels offering long-term exterior adhesion to aluminium and glass panels. Due to good UV, water and age resistance, this product is suitable for external applications.

Certificates

Design qualification and type approval of PV-modules in accordance with IEC 61215.

Technical Data

Thickness* (foam and adhesive)	1100 micron	
Density*	58 kg/m ³	
Temperature resistance***	-40° C to +100° C	
LoopTack* (FINAT TM 9)	32 N/25 mm	
Adhesive power* (FINAT TM 1, on stainless steel, one side covered with 50 micron polyester film)	after 1 min	18 N/25 mm
	after 20 min	> 18 N/25 mm, foam tear
	after 24 h	> 18 N/25 mm, foam tear
Shear strength* (FINAT TM 8, on stainless steel, one side covered with 50 micron polyester film)	> 300 hours	at 23° C
	> 6 hours	at 70° C
Temperature resistance* (S.A.F.T.)	75° C	
Shelf life**	2 years	
Application temperature	> +18° C	

* average ** in original packaging, at 20°C and 50% relative humidity *** 1h, normal climate of Central Europe

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