

## Description

This double-sided tape consists of a polyethylene foam coated on both sides with a modified acrylic adhesive. The adhesive has high initial adhesion and high shear strength.

## Carrier

Closed-cell polyethylene foam (1000 micron, black)

## Liner

Double-sided siliconised LDPE film (120 micron, green)

## Adhesive

Modified acrylic

## Area of use

This tape is suitable for use in industrial and commercial applications, for permanent bonding of different materials such as metal, plastics, glass, ceramics, signs and panels, letterings and plastic mouldings. Due to its high resistance to UV, water and ageing, this product is suitable for outdoor applications. This product offers permanent external bonding even on aluminium and glass plates and is therefore suitable for use in the production of solar panels. This tape has design qualification and type approval of PV-modules in accordance with IEC 61215.

## Technical Data

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

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

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