

SA1911

POLYSIL SILICONE / ACRYLIC DOUBLE COATED ADHESIVE TAPE

PRODUCT DESCRIPTION

Double Coated Tape with Two Liners

SA1911 is a double-coated, double-lined polyester (PET) tape with a silicone adhesive on one side and an acrylic adhesive on the other. SA1911 provides a solution for adhering silicone-based substrates to non-silicone materials. The silicone adhesive is designed for bonding to low surface energy materials, including silicone foam and rubber. The acrylic adhesive offers high adhesion to a wide range of materials and excellent heated shear properties.

FEATURES & BENEFITS

- Engineered for bonding dissimilar materials
- Excellent conformability
- Maintains performance at high temperatures
- Silicone PSA gives superior bond to silicone materials, including foams and LSR substrates

PRODUCT CONSTRUCTION



PRODUCT SPECIFICATIONS

Note: (A)=Acrylic Side, (S)=Silicone Side

Test	Side	Typical Value	Typical Value (Metric)	Test Method
Product Thickness (Total)		5.5 mils	0.140 mm	PSTC-133
Adhesive Thickness	(A)	2.2 mils	0.056 mm	PSTC-133
Carrier Thickness		0.5 mils	0.013 mm	PSTC-133
Adhesive Thickness	(S)	2.8 mils	0.071 mm	PSTC-133
Peel Adhesion	(A)	70 oz/in	19.45 N/25mm	PSTC-101
	(S)	72 oz/in	20.00 N/25mm	PSTC-101
Tack	(A)	42 oz	1191 g	ASTM D2979
	(S)	38 oz	1077 g	ASTM D2979
Shear Adhesion	(A)	> 168 hrs@2.2psi	> 168 hrs@15.2kPa	PSTC-107
	(S)	> 168 hrs@2.2psi	> 168 hrs@15.2kPa	PSTC-107
Tensile Strength		15 lb/in	66 N/25mm	PSTC-131
Elongation		110 %	110 %	
Min. Service Temperature		-40 °F	-40 °C	
Max. Service Temperature		300 °F	149 °C	

Tested values are typical under standard conditions and are not intended to be used for specification development. Technical data is believed to be true and accurate; Adhesive Applications recommends that the purchaser test for performance and fitness of use in all applications.

Adhesive Applications - The Adhesive Solutions Company

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