

S8512-2C

POLYSIL CLEAR SILICONE ADHESIVE TAPE

PRODUCT DESCRIPTION

Single Coated Tape

PolySil™ S8512-2C is a high tack clear polyester (PET) tape with controlled adhesion and good conformability. The controlled level of crosslinking assures a proper balance of adhesion to substrates and chemical and temperature resistance.

FEATURES & BENEFITS

- Fine line definition
- Clean removal / no adhesive residue
- Chemical and abrasion resistant
- Good conformability

PRODUCT CONSTRUCTION



PRODUCT SPECIFICATIONS

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness (Total)	3.50 mils	0.089 mm	PSTC-133
Adhesive Thickness	1.50 mils	0.038 mm	PSTC-133
Carrier Thickness	2.00 mils	0.051 mm	PSTC-133
Peel Adhesion	45 oz/in	12.50 N/25mm	PSTC-101
Tack	38 oz	1077 g	ASTM D 2979
Shear Adhesion	168 hrs @ 2.2 psi	168 hrs @15.2 kPa	PSTC-107
Tensile Strength	50 lb/in	5 N/25mm	PSTC-131
Elongation	150 %	150 %	
Minimum Service Temperature	-60 °F	-51 °C	
Maximum Service Temperature	350 °F	177 °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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Rev C

07/24/2018

