

S5832R

POLYSIL RED SELF-WOUND SILICONE ADHESIVE TAPE

PRODUCT DESCRIPTION

Single Coated Tape

PolySil™ S5832R is a self-wound polyester film tape coated with a red high temperature silicone adhesive, designed for precision die cutting & masking applications where temperature resistance is a critical requirement. The silicone adhesive is formulated to provide secure protection for powder coating, anodizing, wave soldering and plating applications.

FEATURES & BENEFITS

- Controlled adhesion level allows clean removal
- High temperature, chemical resistant silicone
- Thin polyester backing allows for conformability
- Red color for easy visual identification

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	12 oz/in	3.33 N/25mm	PSTC-101
Tack	13 oz	369 g	ASTM D 2979
Shear Adhesion	168 hrs @ 2.2 psi	168 hrs @15.2 kPa	PSTC-107
Tensile Strength	50 lb/in	219 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

41 O'Neill Street
Easthampton, MA 01027

413-527-7120 Main
800-356-3572 Toll Free U.S.

www.adhesiveapps.com

Adhesive
Applications™

Rev

