

S580-2HT

POLYSIL RED SILICONE TAPE

PRODUCT DESCRIPTION

Single Coated Tape

S580-2HT is a red polyester (PET) crosslinked silicone adhesive tape, formulated for excellent adhesion to low surface energy materials, including siliconized release liners. The controlled level of crosslinking assures a proper balance of adhesion to substrates, shear strength and clean removal with no residue.

FEATURES & BENEFITS

- High tack for quick adhesion
- Clean removal / no adhesive residue
- Chemical and abrasion resistant
- Excellent conformability
- Red color for user visibility

PRODUCT CONSTRUCTION



PRODUCT SPECIFICATIONS

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness (Total)	2.50 mils	0.064 mm	PSTC-133
Adhesive Thickness	1.50 mils	0.038 mm	PSTC-133
Carrier Thickness	1.00 mils	0.025 mm	PSTC-133
Peel Adhesion	36 oz/in	10.00 N/25mm	PSTC-101
Tack	35 oz	992 g	ASTM D 2979
Shear Adhesion	168 hrs @ 2.2 psi	168 hrs @15.2 kPa	PSTC-107
Tensile Strength	25 lb/in	109 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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