

PRODUCT DATA SHEET SB402

Description

SB402 is a 2.0 mil Polyimide film coated with 1.6 mils of a silicone pressure sensitive adhesive (PSA) and is gold in color. This product features high adhesion and high shear strength combined with excellent resistance to high temperatures and solvents. The product has no residue upon removal. Typical applications include wrapping and fixing of electronic components, coils, transformers and capacitors. SB402 is also suitable for protecting gold fingers when PCB is through tin-stove and wave-soldering.

Construction



Feature and Benefits

- Moderate adhesion
- High shear strength and heat resistance
- Chemical corrosion resistance
- No residue upon removal
- Low temperature performance
- Insulation rank H

Typical Properties (not to be used for specification purposes)

Test	Test Method	Value (US)	Value (metric)
Total Thickness	PSTC-33	3.6 mils	0.09 mm
180°Peel Adhesion	PSTC-101	27 oz/inch	7.4 N/25mm
Tensile Strength	PSTC-131	>1000 oz/inch	>280 N/25mm
Elongation	PSTC-131	>70%	
Temperature use		500°F	260°C

For maximum adhesion, bonding surfaces should be clean, dry, and free from grease and oils. The firmer the application pressure and the greater the contact area, the stronger the bond.

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