

## PRODUCT DATA SHEET SB401

### Description

SB401 is a 1.0 mil polyimide film (PI) tape coated with 1.6 mils of a silicone pressure sensitive adhesive (PSA) and is gold in color. This product features moderate adhesion and high shear strength combined with excellent resistance to both low and high temperatures. Additional features include excellent solvent resistance, insulation rank H and no residue upon removal. Typical applications include wrapping and fixing of electronic components, coils, transformers and capacitors. SB401 is suitable for protecting gold fingers when PCB is through tin stove as well as wave soldering.

### Construction



### Feature and Benefits

- Moderate adhesion
- High shear strength and very high heat resistance
- Solvent resistance
- Insulation rank H
- No residue upon removal
- Resistance to both low and high temperature extremes

### Typical Properties (not to be used for specification purposes)

Test	Test Method	Value (US)	Value (metric)
Total Thickness	PSTC-33	2.6 mils	0.066 mm
180° Peel Adhesion	PSTC-101	27 oz/inch	7.5 N/25 mm
Tensile Strength	PSTC-131	>575 oz/inch	>160 N/25 mm
Elongation	PSTC-131	>70%	
Temperature Use range		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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