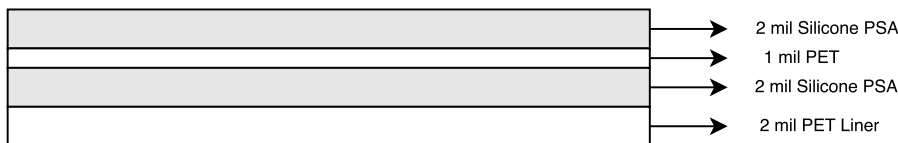


## PRODUCT DATA SHEET SB490

### Description

SB490 is a 1 mil polyester film (PET) coated on both sides with 2 mils of a silicone pressure sensitive adhesive (PSA) and covered with a 2 mil polyester release liner. Typical applications include splicing of siliconized release papers and films, bonding of rubber, plastics and foams. SB490 bonds particularly well to low energy surfaces including silicones and fluorinated surfaces.

### Construction



### Feature and Benefits

- Excellent adhesion to difficult to bond substrates including silicone and fluorinated surfaces
- Excellent performance at a wide temperature range
- Clear color
- High tack

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

TEST	TEST METHOD	VALUE (US)	VALUE (METRIC)
Adhesive Thickness (each side)		0.002"	0.051 mm
180° Peel Adhesion	PSTC-101	45 oz/inch	12 N/25 mm
Shear Adhesion	PSTC-107	>120 hr. @ 2.2 psi	>120 hr. @ 15.2 Kpa
Service Temperature range		-40° to 300°F	-40° to 150°C
Total Thickness ( without liner)		0.005"	0.127 mm

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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