

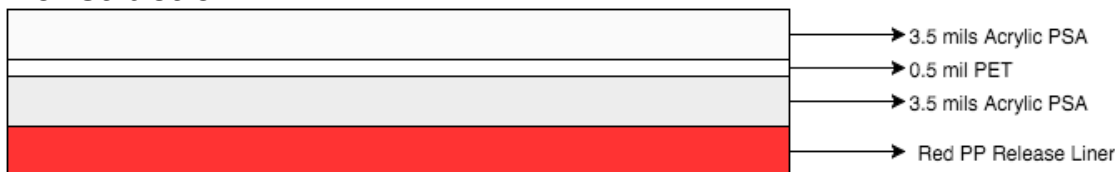
PRODUCT DATA SHEET SB850

Description

SB850 is a clear 0.5 mil polyester film coated on both sides with a high performance acrylic pressure sensitive adhesive (PSA). This product is covered with a dimensionally stable siliconized red polypropylene release liner making it useful in precision die-cut applications. The adhesive is extremely aggressive and has high shear strength. **SB850** also has excellent resistance to UV aging, humidity, solvents and high temperatures.

Applications for this product include bonding of dissimilar surfaces where high adhesion and shear are required. Typical end-uses include sign making, decorative moldings and print finishing. Bonds to rubber, high-energy plastics, glass, metal and wood.

Construction



Feature and Benefits

- Water clear product
- High tack, peel adhesion and shear
- Precision die-cutting applications
- Excellent resistance to UV, solvents, humidity and temperature extremes

Typical Properties (not to be used for specification purposes)

TEST	METHOD	VALUE (US)	VALUE (metric)
180°Peel Adhesion	PSTC-101	110 oz./inch	30 N/25 mm
Shear Adhesion - RT	PSTC-107	>400 hr. @ 2.2 psi	>400 hr. @ 1545 kg/m ²
Heat Resistance	PSTC-107	>6 hr. @ 2.2 psi - 158°F	>6 hr. @ 1545 kg/m ² - 70°C
Thickness	PSTC-33	7.5 mils without liner	0.191 mm
Min. Application Temp.		>59°F	>15°C
Service Temp.		-40-320°F	-40 to

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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