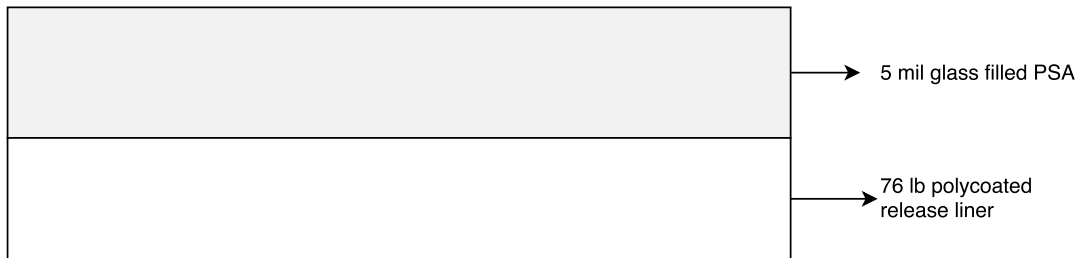


PRODUCT DATA SHEET SB500U

Description

SB500U is a 0.005” thick acrylic pressure sensitive adhesive in film form (transfer film) supported with random dispersed glass fibers. The adhesive is very high in tack and peel adhesion. **SB500U** exhibits excellent low temperature properties and is intended for bonding to difficult surfaces including many low energy surfaces. The product is self-wound on a 76 lb poly coated release paper.

Construction



Feature and Benefits

- Very high peel and tack
- Excellent low temperature properties
- Bonds well to many low energy substrates

Typical Properties (not to be used for specification purposes)

PROPERTY	TEST METHOD	VALUE (US)	VALUE (METRIC)
Adhesive Thickness	PSTC-133	0.005 inches	0.127 mm
Max. Service Temp.		175°F Continuous 225°F Intermittent	79°C Continuous 107°C Intermittent
Peel Adhesion	PSTC-101	129 oz/inch	36.2 N /25 mm
Loop Tack	PSTC-16	115 oz/inch ²	4.91 N/cm ²
Shear Adhesion	PSTC-107	>24 hr. @ 2.2 psi	>24 hr. @ 1.5 N/cm ²

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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