

PRODUCT DATA SHEET SB650

Description

SB650 is a double sided coated 0.5 mil polyester film with a high tack and high bond strength acrylic pressure sensitive adhesive. This product is designed to form a strong bond to irregular surfaces. **SB650** provides a permanent bond on foams, plastics, metals, and composite materials subjected to a broad range of environmental conditions.

Construction



Feature and Benefits

- Bonds to a wide variety of ether and ester foams, metals, ceramics, glass, composites and high surface energy plastics
- High adhesive coating weight allows for conformability on irregular surfaces
- Excellent UV, temperature, chemical and moisture resistance
- High peel, tack and shear properties

Typical Properties (not to be used for specification purposes)

Procedure	Method	Value	Units	Value	Units
180° Peel Adhesion	PSTC-101	91	oz/inch	0.98	N/mm
Shear Adhesion Exposed Side Liner Side	PSTC107	>20000 >18000	min – 2.2 psi min – 2.2 psi	>20000 >18000	min–15.2 kPa min–15.2 kPa
Tack	ASTM – D2979	32	oz	921	grams
Min Application Temp		- 40	°F	- 40	°C
Max Continuous Operating Temperature		225	°F	107	°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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