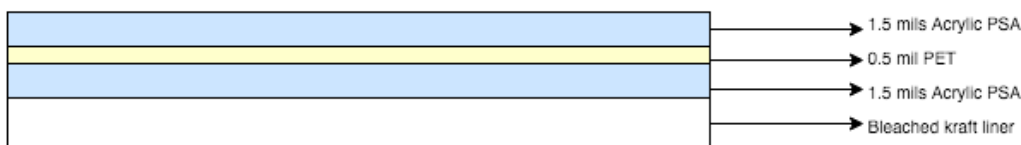


PRODUCT DATA SHEET SB455

Description

SB455 is a double coated polyester (PET) film coated on both sides with a high performance acrylic pressure sensitive adhesive (PSA) and covered with a densified kraft release liner. This tape is designed for demanding bonding applications and provides a permanent bond on many foams, high energy plastics, metals and composite materials. **SB455** performs well under a wide range of environmental conditions.

Construction



Feature and Benefits

- Bonds to a wide range of polyether and polyester urethane foams, metals, glass, ceramics, high energy plastics and composites
- Excellent UV, temperature, chemical and humidity resistance
- High peel, tack and shear properties

Typical Properties (not to be used for specification purposes)

TEST	TEST METHOD	VALUE (US)	VALUE (METRIC)
Peel Adhesion	PSTC-101	40 oz/inch	11 N/25 mm
Shear Adhesion	PSTC-107	>300 hr @2.2 psi	>300 hr. @ 15.2 KPa
Tack	ASTM D2979	32 oz/inch	915 grams/inch
Minimum Application Temperature		-20°F	-29°C
Maximum Continuous use Temperature		350°F	177°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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