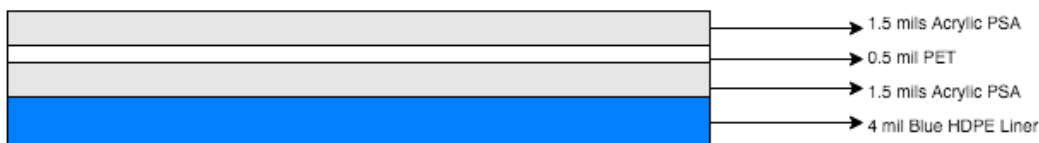


## PRODUCT DATA SHEET SB455B

### Description

**SB455B** is a double coated polyester (PET) film coated on both sides with a high performance acrylic pressure sensitive adhesive (PSA) and covered with a 4 mil blue high density polyethylene 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. **SB455B** 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.

IMPORTANT NOTICE TO PURCHASER: All statements, technical information and recommendations contained herein are based on tests we believe to be reliable, but the accuracy or completeness thereof is not guaranteed, and the following is made in lieu of all warranties, expressed or implied: Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or the inability to use the product. Before using, user shall determine the suitability of the product for his or her intended use, and the user assumes all risk and liability whatsoever in connection therewith. No representative of ours has authority to waive or change the foregoing provisions, but, subject to such provisions, our engineers are available to assist purchasers in adapting our products to the needs and circumstances prevailing in their business.