

TECHNICAL BULLETIN

DOUBLE-COATED FOAM TAPE SYSTEM

PRODUCT:	EBTB-290			
PRIMARY USE:	Engineered to prevent penetration of air, water, detergents, moisture, light and dust. Foam fills irregularities and functionally provides cushioning, absorbs vibration and shock, and allows for moderate expansion and contraction due to temperature variations.			
DESCRIPTION:	Cross-linked polyethylene foam coated on both sides with a high performance acrylic adhesive system developed specifically for environmental exposures.			
LINER:	74# silicone treated poly-coated Kraft			
TYPICAL PHYSICAL PROPERTIES:	Thickness	Total Thickness (Foam + Adhesive)		
		Foam: 1/16" (nominal)	72 mils	
		Liner (nominal)	5.5 mils	
	Peel Adhesion	PSTC #101; backed with 1 mil polyester		No peel possible
		Peel strength of adhesive is greater than internal strength of the foam.		
		NOTE: Peel tests are performed as per PSTC #101, which states one minute maximum dwell time. In general, for acrylic adhesives, longer residence time yields much higher peel values.		
	Shear Adhesion	PSTC #107; 1000 gm/sq. in. @ room temperature, no dwell.		
Exposed Side		14+ Days, no creep		
Liner Side		14+ Days, no creep		

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PRODUCT FEATURES:	<ul style="list-style-type: none">. Bonds to irregular surfaces.. Improved tack.. Moderate shear strength.. Closed cell foam does not absorb water.. Foam die-cuts cleanly and easily.. Excellent adhesion to glass.
SERVICE TEMPERATURE:	-30°F to 220°F NOTE: This information is provided as a means to help characterize the adhesive's temperature resistance. Note that this data is based on limited testing and under no load. The practical service temperature of this or any adhesive system is dependent on many variables including the substrates being bonded, environmental conditions, and the loading and method of application. The purchaser is responsible for determining the suitability of this or any product for their particular purpose and process. The recommended application temperature is 68°F to 100°F.
NOTES:	Surfaces to be bonded to should be dry, clean, and free from grease and oil. These products should not be laminated to any materials containing migrating plasticizers.
SHELF LIFE:	One year from date of shipment when stored under cool, dry conditions.

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