

TECHNICAL BULLETIN

TRANSFER TAPE

PRODUCT:	7834 Adhesive Transfer Tape			
PRIMARY USE:	Forms excellent bonds to a variety of ether, ester and low perm urethane foams. Engineered for foam-to-foam bonding			
DESCRIPTION:	7834 is constructed by coating 4 mils of a high heat-resistant acrylic adhesive on a 74lb liner. 7834 also contains a biostatic additive for resistance to microbial growth.			
LINER:	74lb White Poly-coated Kraft			
TYPICAL PHYSICAL PROPERTIES:	Thickness	Adhesive Exposed Side (nominal)	4.0 mils	
		Adhesive Liner Side (nominal)	NA	
		74# Poly-coated Kraft Release Liner (nominal)	5.5 mils	
	Peel Adhesion	PSTC #101; backed with 1 mil polyester <i>24 Hour Dwell:</i>		
		Exposed Side		65 oz/inch
		Liner Side		NA
		PSTC #101; backed with 2 mil dead soft aluminum foil <i>24 Hour Dwell:</i>		
		Exposed Side		170 oz/inch
		Liner Side		NA
	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; Modified; @ 72° F.		
		1" x 1" x 1,000 grams		7 Days
		PSTC #107, Modified; @ 158°F		
		1" x 1" x 500 grams		7 Days
		PSTC #107; Modified; @ 300° F		
		1" x 1" x 300 grams		7 Days
		PSTC #107; Modified; @ 350° F		
1" x 1" x 300 grams		24 Minutes		

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7834 Adhesive Transfer Tape

<p>PRODUCT FEATURES:</p>	<ul style="list-style-type: none"> • Excellent adhesion to a broad spectrum of foam substrates. • Biostatic additive is included to inhibit microbial growth. • Easy release 74lb liner. • Moderate shear resistance.
<p>SERVICE TEMPERATURE:</p>	<p>-30°F to 220°F</p> <p>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.</p>
<p>NOTES:</p>	<p>The use of heat and pressure will help to increase the initial bond of the product to the substrate. Testing is recommended prior to laminating to any material that contains migrating plasticizers.</p>
<p>RELATED ADCHEM PRODUCTS:</p>	<p>Other high performance acrylic transfer tapes include:</p> <p>7434 – High temperature, aggressive, foam bonding.</p> <p>7833 – Same as 7834 with 3-mils adhesive.</p> <p>7832 – Same as 7834 with 2-mils adhesive.</p> <p>7334 – Moderate tack and peel, general purpose.</p>
<p>SHELF LIFE:</p>	<p>One year from date of shipment when stored under cool, dry conditions.</p>

Rev. 04.04.14

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