

**TECHNICAL BULLETIN**

**TRANSFER TAPE**

PRODUCT:	<b>7833-PET Acrylic Adhesive Transfer Tape</b>			
PRIMARY USE:	Forms excellent bonds to a variety of ether, ester and low perm urethane foams. Engineered for foam-to-foam bonding.			
DESCRIPTION:	7833-PET is 3 mils of a high heat resistant acrylic adhesive on a 1.5-mil PET liner. 7833 contains a biostatic additive to resist microbial growth. Exhibits resistance to many types of migrating plasticizers currently available in 49" usable width.			
LINER:	1.5 clear PET			
TYPICAL PHYSICAL PROPERTIES:	Thickness	Adhesive Exposed Side (nominal)	3.0 mils	
		Adhesive Liner Side (nominal)	NA	
		Clear PET Release Liner (nominal)	1.5 mils	
	Peel Adhesion	PSTC #101; backed with 1 mil polyester <i>24 Hour Dwell:</i>		
		Exposed Side		60 oz/inch
		Liner Side		NA
		PSTC #101; backed with 2 mil dead soft aluminum foil <i>24 Hour Dwell:</i>		
		Exposed Side		165 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; @ 150°F		
		(1" x 1" x 1,000 grams)		8 Hours
	Loop Tack	PSTC #16		
		Adhesive Side		60 oz/inch
Liner Side			NA	

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**7833-PET-49 Adhesive Transfer Tape**

PRODUCT FEATURES:	<ul style="list-style-type: none"> <li>• Excellent adhesion to a broad spectrum of foams.</li> <li>• Biostatic additive to inhibit microbial growth.</li> <li>• PET liner assists in thermoforming, die cutting and hot wire cutting.</li> <li>• Film liner for clean applications such as medical or electronic.</li> <li>• Good shear resistance.</li> <li>• Resistance to many plasticizers.</li> <li>• 49" usable width.</li> </ul>
SERVICE TEMPERATURE:	<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>
NOTES:	<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>
RELATED ADCHEM PRODUCTS:	<p>Other high performance acrylic transfer tapes all on 74 lb. poly-coated liner include:</p> <p>7832 – Same as 7833 with 2-mils adhesive.</p> <p>7334 – Moderate tack and peel, general purpose.</p>
SHELF LIFE:	<p>One year from date of shipment when stored under cool, dry conditions.</p>

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