

TECHNICAL BULLETIN

LOW VOC* TRANSFER TAPE

(Preliminary)

PRODUCT:	6943 Low VOC* Adhesive Transfer Tape		
DESCRIPTION:	A 3-mil high initial tack, unsupported acrylic permanent pressure-sensitive film, cast on a silicone-coated release liner. 6943 bonds to a variety of substrates including rigid and flexible plastics. Adheres well to many different types of foam materials including urethane foams. Low VOC as defined by the Japanese Ministry of Health Labor and Welfare.		
LINER:	74# white poly-coated Kraft		
TYPICAL PHYSICAL PROPERTIES:	Thickness	Adhesive Exposed Side (nominal)	3.0 mils
		74# Release Liner (nominal)	5.5 mils
	Peel Adhesion	PSTC #101; backed with 1 mil polyester	
		24 Hour Dwell:	55 oz/inch
		PSTC #101; baked with 2 mil dead soft aluminum foil	
		24 Hour Dwell:	156 oz/inch
		Liner (nominal)	5.5 mils
		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, 1000 gm/sq. inch @ 72° F.	
		Exposed Side	7+ Days
	Loop Tack	PSTC-16;	105 oz./inch

*Note: There is no industry wide accepted definition for Low VOC

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6943 Low VOC Adhesive Transfer Tape

PRODUCT FEATURES:	<ul style="list-style-type: none">• High tack 3 mil acrylic adhesive.• Bonds well to a variety of substrates.• Excellent peel and shear properties.• Low VOC.
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:	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.
RELATED ADCHEM PRODUCTS:	Other products with the same Low VOC adhesive system include: 6940M-74-54 – Double-coated PET. 6940T-74-55 – Double-coated tissue.
SHELF LIFE:	One year from date of shipment when stored under cool, dry conditions.

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