

TECHNICAL BULLETIN

TISSUE SUPPORTED LOW VOC* TAPE

PRODUCT:	6940T Double-Coated Tissue		
PRIMARY USE:	A high initial tack acrylic adhesive double-coated on a tissue carrier with a silicone-coated release liner. 6940T bonds to a wide variety of substrates including rigid and flexible plastics and low surface energy substrates. Adheres well to many different types of foam materials including urethane foams. Used in applications where a high degree of conformability or tearability are necessary.		
DESCRIPTION:	A thin, conformable, lightweight tissue, coated on both sides with an acrylic adhesive. The tissue carrier offers easy tear and conformability. Low VOC as defined by the Japanese Ministry of Health Labor and Welfare.		
LINER:	74 # white poly-coated Kraft		
TYPICAL PHYSICAL PROPERTIES:	Thickness	Carrier & Adhesive (nominal)	5.0 mils
		74# Release Liner (nominal)	5.5 mils
	Peel Adhesion	PSTC #101; backed with 1 mil polyester <i>24 Hour Dwell:</i>	
		Exposed Side	50 oz/inch
		Liner Side	55 oz/inch
		PSTC #101; backed with 2 mil dead soft aluminum foil <i>24 Hour Dwell:</i>	
		Exposed Side	160 oz/inch
		Liner Side	165 oz/inch
	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. in. @ 72° F.	
Exposed Side		7+ Days	
Liner Side		7+ Days	
*Note: There is no industry wide accepted definition for Low VOC			

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6940T-74-54 Double-Coated Tissue

TYPICAL PHYSICAL PROPERTIES:	Loop Tack	PSTC #16; <i>24 Hour/Dwell</i>	
		Exposed Side	95 oz/inch
		Liner Side	135 oz/inch
PRODUCT FEATURES:	<ul style="list-style-type: none"> • High tack acrylic adhesive. • Bonds well to a variety of substrates. • Conformability and easy to tear. • Excellent peel and shear properties. • Die cuts cleanly. • Low VOC. 		
	-30°F to 220°F		
SERVICE TEMPERATURE:	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 film. 6943-74-54 – 3-mil transfer tape.		
SHELF LIFE:	One year from date of shipment when stored under cool, dry conditions.		

Rev. 04.04.14

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