

TECHNICAL BULLETIN

FILM SUPPORTED TAPE

PRODUCT:	3175M Double-Coated Polyester Film		
PRIMARY USE:	<p>3175M is designed to incorporate the following features: The exposed side adhesive is a general purpose rubber-based adhesive designed for bonding to a wide variety of polyurethane and polyethylene foams, felt, rubber, sponge, cork, abrasive materials and gasket materials.</p> <p>The liner side adhesive is a different rubber-based adhesive that bonds well to most substrates at room temperature. This adhesive exhibits high initial tack and high peel strength.</p>		
LINER:	60# white poly-coated Kraft.		
TYPICAL PHYSICAL PROPERTIES:	Thickness	Carrier	0.5 mils
		Adhesive Exposed Side (nominal)	1.4 mils
		Adhesive Liner Side (nominal)	1.3 mils
		Liner (nominal)	3.5 mils
	Peel Adhesion	PSTC #101; backed with 1 mil polyester <i>24 Hour Dwell:</i>	
		Exposed Side	145 oz/inch
		Liner Side	125 oz/inch
		PSTC #101; backed with 2 mil dead soft aluminum foil <i>24 Hour Dwell:</i>	
		Exposed Side	230 oz/inch
	Shear Adhesion	Liner Side	220 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.	
		PSTC #107; Modified, 1000 gm/sq. inch @ 72° F. <i>No Dwell:</i>	
PRODUCT FEATURES:		Exposed Side	24 Hours
		Liner Side	24 Hours

ADCHEM CORPORATION

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Data presented are typical properties taken from a limited number of production runs and should not be used for specification purposes. Adchem Corporation makes no warranty, expressed or implied, and specifically disclaims and disavows any implied warranty of merchantability and of fitness for a particular purpose. Accordingly, all Adchem products are sold with the understanding that purchasers will be solely responsible for determining the suitability of the materials for any purpose.



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SERVICE TEMPERATURE:	30°F to 150°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 double-coated rubber products include: 2237M – Exposed side adhesive of 3175 at 1.75 mils each side. 5008B – Aggressive heat resistant solvent-based system. 262C – Crepe paper carrier for conformability and tearability. 262T – Tissue carrier for conformability and tearability.
SHELF LIFE:	One year from date of shipment when stored under cool, dry conditions.

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