

TECHNICAL BULLETIN

FILM SUPPORTED TAPE

PRODUCT:	1711M Double-Coated Polyester Film			
PRIMARY USE:	Developed for use in the abrasives and polishing industries. Exposed side laminates well to polishing or abrasive pads and disks. The liner side removes cleanly from the polishing tool when the polishing cycle is completed. 1711M uses a high quality rubber-based adhesive system on the laminating side and a special high shear, moderate peel adhesive on the liner side. The polyester film carrier provides dimensional stability. The liner side exhibits little or no build up in adhesion after application.			
DESCRIPTION:	A ½ mil polyester film carrier with a different synthetic rubber-based adhesive system on each side of the carrier.			
LINER:	80# white densified Kraft			
TYPICAL PHYSICAL PROPERTIES:	Thickness	Carrier	0.5 mils	
		Adhesive Exposed Side (nominal)	1.8 mils	
		Adhesive Liner Side (nominal)	1.2 mils	
		80# Release Liner (nominal)	4.5 mils	
	Peel Adhesion	PSTC #101; backed with 1 mil polyester <i>24 Hour Dwell:</i>		
		Exposed Side		210 oz/inch
		Liner Side		55 oz/inch
		PSTC #101; backed with 2 mil dead soft aluminum foil <i>24 Hour Dwell:</i>		
		Exposed Side		290 oz/inch
		Liner Side		110 oz/inch
	Shear Adhesion	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>		
		Exposed Side		7 Days
		Liner Side		7 Days
GENERAL USE:	1711M used for applications with die cut abrasives, fabrics, and non-wovens. Its good adhesion to any flexible substrates as well as its clean removability from lap surfaces make it ideal for polishing pads, sanding disks, shelf strip labels, protective bumpers, floor graphics, and other applications where clean removability is important.			

ADCHEM CORPORATION

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1711M Double-Coated Polyester Film

PRODUCT FEATURES:	<ul style="list-style-type: none"> • 60 lb moisture-stable liner. • Excellent peel. • Die cuts cleanly. • Excellent shear properties.
SERVICE TEMPERATURE:	<p>30°F to 150°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. Surfaces to be bonded to should be clean, dry, and free of grease and oil. This product should not be laminated to any material that contains migrating plasticizers.</p>
RELATED ADCHEM PRODUCTS:	<p>Other permanent Adchem products include 8311M, a double-coated acrylic with low peel on the liner side.</p>
SHELF LIFE:	<p>One year from date of shipment when stored under cool, dry conditions.</p>

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