



The adhesive tape engineers®

TECHNICAL BULLETIN

DOUBLE-COATED ACRYLIC PET TAPE

PRODUCT:	488M Double-Sided Polyester (PET) Tape				
PRIMARY USE:	<p>488M is the right choice when high tack, higher temperatures and high shear properties are needed. Converter friendly liner allows for precise die cutting and slitting needs. Exceptional performance for wood, metals, rubber and plastic extrusions</p> <p>Applications:</p> <ul style="list-style-type: none"> • Mounting of rubber parts in the transportation industry • Fastening components in the electronic market • Attaching trims in construction and furniture market • Point of Purchase and Signs mounting • Excellent for EPDM and rubber extrusions. 				
DESCRIPTION:	A two sided, high tack, high shear, 8-mils total thickness with an aggressive acrylic adhesive system on a 1-mil PET film and a red PP liner.				
LINER:	Red PP Liner				
TYPICAL PHYSICAL PROPERTIES:	Thickness	Carrier	1-mil		
		Adhesive Exposed Side (nominal)	3.5-mil		
		Liner Side (nominal)	3.5-mil		
	Peel Adhesion	PSTC #101; backed with 1 mil polyester <i>24 Hour Dwell:</i>			
		Exposed Side		60-oz/inch	
		Liner Side		62-oz/inch	
		PSTC #101; backed with 2 mil dead soft aluminum <i>24 Hour Dwell:</i>			
		Exposed Side		160-oz/inch	
		Liner Side		180-oz/inch	
		<i>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.</i>			
		Shear Adhesion	PSTC #107; Modified, 1000 gm/sq. in. @ 72° F.		
	Exposed Side			7 Days +	
	Liner Side			7 Days +	
	PSTC #107, Modified; 500 gm/sq. in. @ 150°F				
Exposed Side			7 Days +		
Liner Side		7 Days +			

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.

488M Double-Sided Polyester (PET) Tape

PHYSICAL PROPERTIES:	Loop Tack	PSTC #16; Exposed Side: 90-oz/inch Liner Side: 100-oz/inch																				
PRODUCT FEATURES:	• Available in 54" useable width																					
SERVICE TEMPERATURE:	-30°F to 250°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.																					
RELATED ADCHEM PRODUCTS:	9488M series for skin contact																					
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> <p>The following peel data is based on PSTC 101, immediate and 14-day dwell, backed with 1-mil PET film, tested at 12 in/min.</p> <table> <tr> <td>Steel(initial)</td> <td>65-oz/inch</td> </tr> <tr> <td>ABS(initial)</td> <td>65-oz/inch</td> </tr> <tr> <td>PE(initial)</td> <td>50-oz/inch</td> </tr> <tr> <td>PP(initial)</td> <td>50-oz/inch</td> </tr> <tr> <td>UPVC(initial)</td> <td>60-oz/inch</td> </tr> <tr> <td>Steel (after14days)</td> <td>80-oz/inch</td> </tr> <tr> <td>ABS (after14days)</td> <td>74-oz/inch</td> </tr> <tr> <td>PE (after14days)</td> <td>50-oz/inch</td> </tr> <tr> <td>PP (after14days)</td> <td>75-oz/inch</td> </tr> <tr> <td>UPVC (after 14days)</td> <td>100-oz/inch</td> </tr> </table>		Steel(initial)	65-oz/inch	ABS(initial)	65-oz/inch	PE(initial)	50-oz/inch	PP(initial)	50-oz/inch	UPVC(initial)	60-oz/inch	Steel (after14days)	80-oz/inch	ABS (after14days)	74-oz/inch	PE (after14days)	50-oz/inch	PP (after14days)	75-oz/inch	UPVC (after 14days)	100-oz/inch
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SHELF LIFE:	One year from date of shipment when stored under cool, dry conditions.																					

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