

TECHNICAL BULLETIN

FILM SUPPORTED TAPE

PRODUCT:	8311M-74 Permanent/Removable		
PRIMARY USE:	Used for applications where easy removability is required even after extended periods. The exposed side of 8311M-74 bonds to many substrates including foams, fabrics, and non-woven materials. The liner side provides an appropriate bond to the substrate while maintaining its removable properties.		
DESCRIPTION:	The exposed side of the ½-mil polyester is coated with 1-mil of a high tack, moderate peel, high shear acrylic adhesive. The liner side is coated with 1-mil of a low peel, removable acrylic-based adhesive.		
LINER:	74-lb white poly-coated Kraft		
TYPICAL PHYSICAL PROPERTIES:	Thickness	Carrier	0.5 mils
		Adhesive Exposed Side (nominal)	1.0 mils
		Adhesive Liner Side (nominal)	1.0 mils
		74# Poly-coated Kraft Release Liner (nominal)	5.5 mils
	Peel Adhesion	PSTC #101; backed with 1 mil polyester 24 Hour Dwell:	
		Exposed Side	40oz./inch
		Liner Side	<32 oz./inch
	*Peel tests are performed as per PSTC #101 which states one-minute maximum dwell time. In general, longer residence times yield higher peel values. Liner side peels are tested on glass.		
Shear Adhesion	PSTC #107; Modified, 1000 gm/sq. in. @ 72° F.		
	Exposed Side	7+ Days	
	PSTC #107; Modified, 1000 gm/sq. in. @ 72° F. No Dwell:		
Liner Side	7+ Days		
PRODUCT FEATURES:	<ul style="list-style-type: none">• High tack acrylic adhesive matched to a removable acrylic adhesive.• Lay-flat moisture resistant liner.• Excellent adhesion properties.• Excellent repositioning and removability from many surfaces.		

ADCHEM CORPORATION
1852 Old Country Road
Riverhead, NY 11901
P: 631-727-6000
www.adchem.com

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° 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 double-coated permanent/removable products include: 1711M – 1.8 mils rubber-based permanent adhesive on the exposed side and 1.2 mils of a removable rubber-based adhesive on the liner side. 80 lb. Densified Kraft liner.
SHELF LIFE:	One year from date of shipment when stored under cool, dry conditions.

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