



# PERFORMANCE GUIDE

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**PRODUCT:** TM8500

## PRODUCT DESCRIPTION

TM8500 is a clear polyester film coated on two sides with 1.15 mils of skin friendly, medical grade acrylic adhesive. The adhesive is protected by two polyester liners. Alternative liner options are available.

TM8500 is designed for use in the following applications: medical device assembly, surgical drape, and wound care applications.

## PRODUCT CONSTRUCTION

**Carrier:** .5 mil clear PET

**Adhesive:** Acrysure Next Gen medical grade solvent-free acrylic adhesive has been formulated for sustained contact with human skin. It has been assessed by an independent bio-medical laboratory following ISO-10993 guidelines for skin contact properties. Specific test procedures and results are available upon request.

**Liner:** Both liners are clear 2.0mil PET films with silicone coating on one side.

## PHYSICAL PROPERTIES

Values given are typical and are not for use in specifications.

Performance Test	Unit of Measure	Typical Values		Testing Method
		Liner	Unwind	
<b>180° Peel Stainless Steel</b>				
30 minute dwell	<b>lbs./in width</b> (N/25mm)	<b>4.28</b> (18.8)	<b>4.28</b> (18.8)	<b>PSTC – 101 (method A)</b>
24 hour dwell		<b>4.42</b> (19.0)	<b>4.42</b> (19.0)	
<b>Loop Tack</b>	<b>lb./in<sup>2</sup></b> (N/25mm)	<b>3.10</b> (13.64)	<b>3.10</b> (13.64)	<b>PSTC - 16</b>
<b>Shear 1kg @ 72°F</b>	<b>hours</b>	<b>300</b>		<b>PSTC – 107</b>
<b>Thickness</b>				
Carrier & adhesive	<b>inches</b> (microns)	<b>.0028</b> (71.2)		
Liner		<b>.0020</b> (50.8)		

## **TEMPERATURE RANGE**

This product is intended for use at temperatures between -35°F and 300°F depending on application. This product should be applied at temperatures between 45°F and 120°F.

## **ATTRIBUTES**

- Low residue chemical activity (inert)
- Good adhesion to a wide range of surfaces
- Excellent cohesive strength
- Sterilizable by all methods including gamma, ETO, autoclave and e-Beam.

## **SHELF LIFE**

Two year shelf life when stored at 75°F. (24°C.) and 50% relative humidity or less. It is recommended that the product be stored in its original package until ready to use.

## **STATEMENT OF RECOMMENDATION**

This product should be tested thoroughly in final converted form under end-use conditions to ensure it meets the requirements of the specific application.

*\* Values given are typical for unprocessed product and are not for use as specifications. Processing may change the values.*

**CALL 1-800-255-9733 for additional product information**

**IMPORTANT NOTICE:** The information given and recommendations made herein are based on our research and are believed to be accurate. In every case, user shall determine before using any product in full scale production, whether such product is suitable for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or any other warranty, expressed or implied. No representative of ours has any authority to waive or change the foregoing provisions unless in a specific agreement signed by the officers of seller and manufacturer. Ultimately, sellers and manufacturers only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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