



# PERFORMANCE GUIDE

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**PRODUCT:** TM7101

## PRODUCT DESCRIPTION

TM7101 is a taffeta embossed sheer polyethylene film coated on one side with 1.0 mil of medical grade synthetic rubber adhesive. The adhesive is protected by a 40# SCK release liner.

TM7101 is designed to be comfortable, flexible and durable. This product is developed for use in direct skin contact applications including adhesive bandages and wound dressings.

## PRODUCT CONSTRUCTION

**Carrier:** 2.5 mil taffeta embossed sheer colored medical grade polyethylene film.

**Adhesive:** Silk medical grade synthetic rubber 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:** 40# SCK with a silicone release 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
<b>90° Peel Stainless Steel</b>			
MD	lbs./in width	3.16 (14.2)	ASTM-D6862
CD	(N/25mm)	3.6 (16.1)	(Immediate Peel)
<b>Loop Tack Stainless Steel</b>			
MD	lbs./in <sup>2</sup> (N/25mm)	5.4 (24.2)	PSTC - 16
CD		5.5 (24.6)	
<b>Shear 1kg @ 72°F</b>	hours	300+	PSTC – 107
<b>Tensile</b>			
MD	lbs./in <sup>2</sup> (N/25mm)	2600 (11,650)	ASTM – D882
CD		2200 (9850)	
<b>Elongation</b>			
MD	percent %	475	ASTM – D882
CD		550	
<b>Thickness</b>			
Carrier & Adhesive	inches (microns)	.0035 (89)	
Liner		.0025 (65.3)	

\*. *Tensile and Elongation values are for the carrier only.*

### **TEMPERATURE RANGE**

This product is intended for use at ambient temperatures.

### **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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