



PERFORMANCE GUIDE

Revised: 5/2015 JNP

PRODUCT: TM7100

PRODUCT DESCRIPTION

TM7100 is a 2.5mil printable gloss white 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.

TM7100 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. This product is commonly used in applications requiring multicolor printing using UV ink systems.

PRODUCT CONSTRUCTION

Carrier: 2.5 mil white gloss 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
180° Peel Stainless Steel			
MD	lbs./in width	6.2 (27.78)	PSTC-101 (Method A)
CD	(N/25mm)	5.4 (24.2)	
Loop Tack Stainless Steel			
MD	lbs./in ² (N/25mm)	6.8 (30.24)	PSTC - 16
CD		6.3 (28.00)	
Shear 1kg @ 72°F	hours	300+	PSTC – 107
Tensile			
MD	lbs./in ² (N/25mm)	3600 (16125)	ASTM – D882
CD		3000 (13400)	
Elongation			
MD	percent %	500	ASTM – D882
CD		650	
Thickness			
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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