



# PERFORMANCE GUIDE

Revised: 1/2016 JNP

**PRODUCT:** TM8750

## PRODUCT DESCRIPTION

TM8750 is a .5 mil PET coated on two sides with 2.6 mils of medical grade synthetic rubber adhesive. The product is self-wound on an 80# semi-bleached densified Kraft release liner.

TM8750 is designed for applications such as drape or device assembly. Typical uses include bonding to foam, felt, metal, plastics and most low or unplasticized substrates. The polyester carrier provides dimensional stability and superior die cutting properties. The adhesive is approved for medical use and for applications that require direct skin contact.

## PRODUCT CONSTRUCTION

**Carrier:** .5 mil clear PET

**Adhesive:** This medical grade synthetic rubber adhesive has been formulated for sustained contact with human skin. The adhesives have 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:** 80# silicone coated bleached kraft liner with a release system on both sides.

## PHYSICAL PROPERTIES

Values given are typical and are not for use in specifications

Performance Test	Unit of Measure	Typical Values		Testing Method
		Liner	Unwind	
180° Peel Stainless Steel 30 minute dwell	lbs./in width	14.0	14.0	PSTC – 101 (Method A)
Loop Tack	lbs./in <sup>2</sup>	14.0	14.0	PSTC-16
Shear 1,000 gms @ 72°F	Hours	500+	500+	PSTC – 107
Tensile	lbs./in <sup>2</sup>	10		ASTM – D882
Elongation	percent %	100+		ASTM – D882
<b>Thickness</b>				
Carrier & adhesive	inches	.0057		
Liner		.0042		

\*Tensile and Elongation values are for the carrier only. Product reinforced with 2 mil polyester during adhesion tests.

### **TEMPERATURE RANGE**

Application: Above 50°F (10°C) for best performance.

End Use: 0°F to 180°F (-18°C to 82°C)

### **CHEMICAL RESISTANCE**

Resistant to water, detergent and alcohol. Not recommended for use in contact with aliphatic or aromatic hydrocarbons.

### **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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