



PERFORMANCE GUIDE

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PRODUCT: TM8710A-2LPET

PRODUCT DESCRIPTION

TM8710A-2LPET is a .5 mil PET coated on two sides with a medical grade synthetic rubber adhesive. The adhesive is protected by a 60# SCK release liner and a 1.2 mil PET release liner.

TM8710A-2LPET was designed for attaching medical devices to human skin. Typical applications include surgical drape, ostomy, wound care dressings and medical device assembly.

PRODUCT CONSTRUCTION

Carrier: .5 mil clear PET

Adhesive: MP-899 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.

Liners: 60# Silicone coated bleached kraft liner with a release system on both sides and a 1.2mil easy release process liner with a release system 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	
180° Peel Stainless Steel				
30 minute dwell	lbs./in width (N/25mm)	6.8 (30.2)	6.8 (30.2)	PSTC – 101 (Method A)
24 hour dwell				
Loop Tack	lbs./in² (N/25mm)	10.4 (46.3)	10.4 (46.3)	PSTC-16
Shear 1,000 gms @ 72°F	Hours	170	170	PSTC – 107
Tensile	lbs./in² (N/25mm)	10 (44.5)		ASTM – D882
Elongation	percent %	100+		ASTM – D882
Thickness				
Carrier & adhesive	inches (microns)	.0047 (104)		
Liner (60# PCK)		.0035 (89)		
Liner (PET)		.0012 (30.5)		

* Tensile and Elongation values are for the carrier only.

TEMPERATURE RANGE

This product is intended for use at ambient temperatures.

ATTRIBUTES

- Excellent initial adhesion
- Low adhesion build over time
- Excellent cohesive strength
- Clean removal from skin without skin trauma
- Excellent adhesion to low surface energy surfaces
- Sterilizable
- Pyrogen Free
- Natural and Synthetic Latex Free
- PVC Free
- Nickel Free

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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