

## VieTape AI8001T

Thermal Transfer Polyimide Label

A polyimide film has ultra-high temperature performance. This label product with acrylic adhesive can withstand up to 232°C short-term heat resistance, has excellent solvent resistance and exhibits low outgassing characteristics.

### PRODUCT FEATURES

- Matte white thermal transfer topcoat for easy readability of barcodes and variable information.
- Adhesive will not degrade when exposed to a wide variety of harsh processing conditions. This adhesive also offers exceptional shear strength even at elevated temperatures.
- 50# densified kraft liner assures consistent die cutting.
- UL Recognized file MH16411

### PERFORMANCE FEATURES

Physical Properties	
Liner	50# Densified Kraft
Liner Thickness	0.076 mm
Adhesive Type	100% Acrylic
Adhesive Thickness	0.051 mm
Facestock	Polyimide Film and Matte White Kraft Thermal Transfer Printable Topcoat
Facestock Thickness	Polyimide Film: 0.051 mm Matte White Kraft Thermal Transfer Printable Topcoat: 0.025 mm
Die-Cutting	Rotary die-cutting is recommended



Performance Characteristics	
180° Peel Adhesion (Stainless Steel) (23°C, 50%RH)	3.5 N/cm
180° Peel Adhesion (PC) (23°C, 50%RH)	3.7 N/cm
180° Peel Adhesion (Epoxy PC Board) (23°C, 50%RH)	4.8 N/cm

Performance Characteristics	
Chemical and Environmental Exposure	The properties defined are based on four hour immersions at room temperature (22°C) unless otherwise noted. Samples were applied to stainless steel panels 24 hours prior to immersion and were evaluated one hour after removal from the solution for peel adhesion. Adhesion measured at 180° peel angle (ASTM D 3330) at 12 inches/minute.
Humidity Resistance	24 hours at 100°F (38°C) and 100% relative humidity: no significant change in appearance or adhesion.
Temperature Resistance	277°C for 30 seconds: no significant visual change 260°C for 7 minutes: slight browning -40°C for 24 hours: no significant visual change

All product properties are measured in accordance with Pressure Sensitive Tape Council and/or ASTM test methods. The physical properties listed above are typical values and are not to be construed as specifications. Our suggestions and recommendations for use are based on tests we believe to be reliable. However, the purchaser must determine the suitability of the product for his intended use. We assume no liability for claims beyond the replacement value of our product proved to be defective. Note: Tape should be stored in its original packaging in a cool, dry area (60 F to 80 F and 50% relative humidity) away from direct sunlight. Tape should be used within 12 months from the date of shipment. Application surfaces should be clean, dry and free of grease, oil or other contaminants.

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