

VieTape SI8102

SILICONE POLYIMIDE TAPE

PRODUCT DESIGN

VieTape SI8102 is a 1 mil tape with a silicone thermosetting pressure sensitive adhesive system.

APPLICATION

VieTape SI8102 is designed for use as a high performance insulation layer on coils and fractional horsepower motors. VieTape SI8102 is excellent for bundling and protective outer wrap applications.

FEATURES

- VieTape SI8102 polyimide film backing offers high conformability and delivers abrasion protection and puncture resistance at high temperatures.
- Performance silicone adhesive system engineered for high temperature performance and resists solvent contamination

Properties	Value	Test Method
Color	Amber	
Backing Thickness	1.0 mils (0.03mm)	PSTC-133
Total Thickness	2.5 mils (0.06mm)	PSTC-133
Adhesion to Steel	20 oz/in (5.5N/25mm)	PSTC-101
Tensile Strength	35 lb/in (153 N/25mm)	PSTC-133
Elongation	50%	PSTC-133
Dielectric Strength	6,500 volts	ASTM D-149-91
Insulation Class	180°C	
Backing	Polyimide Film	
Adhesive System	Silicone	

The properties of our products are measured following the guidelines of the Pressure Sensitive Tape Council and/or ASTM test methods. The physical properties mentioned are typical values and should not be considered as specifications. Our suggestions and usage recommendations are based on reliable tests. Nevertheless, it is the responsibility of the buyer to evaluate the product's suitability for their intended use. VieTape will not be liable for any claims beyond the replacement value of the defective product. Please store the tape in its original packaging in a dry, cool area (with 60°F to 80°F and 50% relative humidity) and away from direct sunlight. It is recommended to use the tape within 12 months of its shipment date. Prior to application, ensure that the surfaces are clean, dry, and free from any contaminants such as grease or oil.

