

KaptonTape.com

Technical Datasheet

Double Sided Polyimide Tapes RoHS Compliant

Description:

Double Sided Polyimide Tapes are made of Polyimide Film that is double coated with a custom formulated silicone pressure sensitive adhesive system. The product is designed to bond to silicone substrates as well as other difficult to bond surfaces. They can withstand high temperatures up to 500°F.

Product Features:

- Excellent adhesion to silicone-coated substrates
- Specialty treated, polyester release film allows easy unwind
- High initial tack insures a strong bond
- Resistant to many chemicals

Applications:

- Bonding of silicone foams and gaskets for automotive and industrial applications
- Serves as a splicing tape to join silicone-coated paper for film
- Electrical insulation on transformers, motors, coils, PCB production
- High or low temperature gasket sealing
- Solar panels

Color	Amber
Adhesion Type	Silicone
Thickness	4 Mil
Operating Temperature Range	-100 ⁰ F - 500 ⁰ F (- 73 ⁰ C - 260 ⁰ C)
Adhesion to steel	25 oz/in
Tensile Strength	30 lbs/inch
Elongation	55%
Dielectric Strength	6,2000 V

Due to the variety of possible end-uses, it is ultimately the responsibility of the customer to determine a product's suitability for a particular application.