

**Technical Datasheet** 

## Double Sided Polyimide Tape RoHS & REACH Compliant PPTDE Series

Double Sided Polyimide Tapes are made of 1 mil generic polyimide film with 1.5 mil of silicone adhesive coating on each side. They are packaged on a 36-yard-long roll with a PET liner on one side. These tapes offer an excellent performance in electrical and thermal insulation and have high dielectric strength. These tapes offer outstanding thermal endurance with excellent puncture and tear resistance.

**APPLICATIONS:** 3D Printing, Aerospace Assembly, Masking Circuit Boards and Coils, Wafer Dicing Die Cutting, Optical, and Solar Panel Manufacturing.

| Color                               | Amber                         |
|-------------------------------------|-------------------------------|
| Adhesion Type                       | Silicone                      |
| Film Thickness                      | 1 Mil                         |
| Adhesive Thickness                  | 1.5 Mil on each side          |
| Total Thickness                     | 4 Mil                         |
| Tensile Strength                    | 30 lbs./in.                   |
| Liner                               | PET (Polyethylene)            |
| Elongation                          | 55 %                          |
| Dielectric Strength                 | 6,200 volts                   |
| Operating Temperature               | -73°C (-99°F) - 260°C (500°F) |
| Length                              | 36 Yards                      |
| Resistance to acids, oils, solvents | Excellent                     |

## **TYPICAL PHYSICAL PROPERTIES**<sup>(1)</sup>

<sup>(1)</sup> Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.

Bertech<sup>®</sup> makes no warranty, representation, or guarantee regarding the information contained herein or the suitability of its this product for any particular purpose, nor does Bertech<sup>®</sup> assume any liability whatsoever arising out of the application or use of this product. It is ultimately the responsibility of the customer to determine a product's suitability for a particular application.