



## Technical Datasheet

### 0.5 Mil Polyimide High Temperature Tape with 1 Mil Silicone Adhesive RoHS & REACH Compliant PPT0.51 Series

Polyimide High Temperature Tapes are made of 0.5 mil thick polyimide film with 1 mil thick silicone adhesive. These tapes are reliable and durable with a unique combination of electrical, thermal, chemical, and mechanical properties that withstand extreme temperatures, vibration, and other demanding environments. They are packaged on a 3" core and are 36 yards long.

**APPLICATIONS:** 3D Printing, Aerospace Assembly, Auto Manufacturing, Electronic Assembly, Fiber Optics Manufacturing, and Solar Panels.

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

Color	Amber
Adhesion Type	Silicone
Film Thickness	0.5 Mil
Adhesive Thickness	1 Mil
Total Thickness	1.5 Mil
Adhesion to Steel	12.5 Oz/In.
Operating Temperature	260°C (500°F)
Dielectric Strength	3,000 Volts
Resistance to acids, oils, solvents	Excellent
Length	36 Yards

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