



Technical Datasheet

High Temperature Ultra Thin Tape with 0.5 Mil Thick film and 0.5 Mil Silicone Adhesive RoHS & REACH Compliant PPT0.5 Series

Polyimide High Temperature Ultra Thin Tapes are made of 0.5 mil thick polyimide film with 0.5 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 ⁽¹⁾

Color	Amber
Adhesion Type	Silicone
Film Thickness	0.5 Mil
Adhesive Thickness	0.5 Mil
Total Thickness	1 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

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