



Technical Datasheet

1 Mil High Temperature Masking Tape RoHS & REACH Compliant PPT Series

High Temperature Masking Tapes are made of 1 mil thick polyimide film with 1.5 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. High Temperature Masking Tapes 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⁾

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|-------------------------------------|--------------------------------|
| Color | Amber |
| Adhesion Type | Silicone |
| Film Thickness | 1 Mil |
| Adhesive Thickness | 1.5 Mil |
| Total Thickness | 2.5 Mil |
| Tensile Strength | 30 lbs./inch |
| Elongation | 55 % |
| Operating Temperature | -73°C (-100°F) - 260°C (446°F) |
| Dielectric Strength | 6,500 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.

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