

Kapton Tape**Technical Specifications**

Product Description: Kapton polyamide support and silicone tape offer exceptional thermal resistance and excellent electrical insulation properties. This tape is used where puncture resistance, extreme heat resistance, and flame retardancy are required.

Applications: Used for “Gold Finger” protection in wave soldering. Used as a ground barrier and phase insulation in high-performance toroidal coils. Also used as an outer wrap in small wound coils and form-wound coils for traction motors.

Material: Kapton Polyamide Film

Thickness: 1.0 mil (25 μ)

Total Thickness: 2.3 mil (0.060 mm)

Temperature Class: 260 C°/H

Tensile Strength: 32 lbs/in (110 N/25mm)

Elongation: 35%

Electrolytic Corrosion: Direct 1.0/A, 1*

Flammability: Passed UL510

Color: Amber

Adhesive: Thermoset Silicone

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Dielectric Strength: 7000 V

Insulation Resistance: 106 megaohms

Adhesion to Steel: 3 lb/in (6.8 N/25mm)

Storage Stability: Excellent

Solution Resistance: Excellent

Moisture Resistance: Excellent

Compliant with IEC 61340-5-1:2016



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