

P-222 2-MIL POLYIMIDE FILM ELECTRICAL INSULATING TAPE

APPLICATION

Engineered for **heavy-duty, high temperature applications** where one-mil polyimide doesn't provide adequate strength of physical protection. Inherently flame retardant.

Versatile tape. Used as the primary insulation in high-performance, flexible wiring boards and heater blanket assemblies; in the **pick-up and holding** of ferrite cores during wiring into computer memories; for **anchoring leads/terminal boards**; and, as a lead/terminal board **insulating pad**. When interlined with special treated cloth interliner, P-222 can be die-cut into formable insulators.

FEATURES AND BENEFITS

- Unexcelled physical and electrical properties are retained at higher temperatures than any other flexible insulation.
- Aggressive, high temperature silicone adhesive is solvent resistant...and compliments the polyimide backing to produce a tape with exceptional high temperature properties.
- Tough backing provides the ultimate in tensile, tear, puncture and abrasion resistance when used with medium-gauge and heavy-gauge magnet wire.
- Very high dielectric strength for critical insulating requirements.
- Inherently flame retardant.

TECHNICAL DATA

Insulation class	180° C
Backing material	2 mil polyimide film
Adhesive	Silicone, cured
Total tape thickness	3.75 mils/0.10 mm
Color	Amber
Adhesion to steel	25 oz. per in./278 gm per cm
Tensile strength	70 lbs. per in./12.5 kg per cm
Dielectric strength	13,000 volts
Elongation	65%
Unwind @ 150 FPM	50 oz. per in./557 gm per cm
Insulation resistance	1 x 10 ⁶ megohms
Flammability rating	Complies w/UL-510 Standard
UL component recog.	Guide OANZ2, File E20392

Note: The above are typical values and should not be used in writing specifications.

STOCK SIZES

Refer to current Electrical Division Price List.

For Additional Information on this Product, Call Toll-Free 1-800-755-TAPE.