

## P-222 2-MIL POLYIMIDE FILM TAPE, AMBER

### 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- 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	4.0 mils/0.10 mm
Color	Amber
Adhesion to steel	20 oz. per in./224 gm per cm
Tensile strength	55 lbs. per in./9.8 kg per cm
Dielectric strength	11,500 volts
Elongation	65%
Unwind @ 150 FPM	50 oz. per in./557 gm per cm
Insulation resistance	1 x 10 <sup>6</sup> megohms
Flammability rating	Complies w/UL-510 Test
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 Electronic Division Price List.

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