

## P-22 I 1-MIL POLYIMIDE FILM ELECTRICAL INSULATING TAPE

### APPLICATION

The ultimate in electrical insulating tapes! Ideally suited to continuous high temperature operating conditions. Recommended **for use as ground, barrier, and phase insulation** in small, high-performance torroidal coils and high frequency motors...and, **for end turn bundling and connection insulation** in small motors.

Widely used for cross-over insulation and outer protective wraps on small bobbin wound coils, and on form wound coils for large rotating machines to bundle conductors and reinforce insulation.

Also used as printed circuit board wave solder mask, and for splicing other high temperature insulating materials.

### FEATURES AND BENEFITS

- Thin and conformable.
- Provides outstanding puncture, tear and abrasion resistance at elevated temperatures.
- Aggressive, solvent resistant and high temperature adhesive compliments its high polyimide backing and produces outstanding high temperature adhesion.
- Uniform unwind in long-length rolls promotes use in automated applications.

### TECHNICAL DATA

Insulation class	180° C
Backing material	1-mil polyimide film
Adhesive	Silicone, cured
Total tape thickness	2.65 mils/0.069 mm
Color	Amber
Adhesion to steel	30 oz. per in./337 gm per cm
Tensile strength	35 lbs. per in./6.3 kg per cm
Dielectric strength	7,500 volts
Elongation	60%
Unwind @ 150 FPM	45 oz. per in./501 gm per cm
Insulation resistance	1 x 10 <sup>6</sup> 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.**