

P-252/P-253/P-256 I-MIL POLYESTER FILM ELECTRICAL INSULATING TAPES

APPLICATION

The universal standard! Engineered **for fine wire applications requiring a non-corrosive tape**. Thin, conformable, tough, highly tear resistant.

Recommended for insulating connections, crossover insulation and barrier insulation on small bobbin wound coils; and for holding layer and barrier insulation on stick wound coils. Widely used for coil end insulation and coil outer protective wraps on stick wound and small form wound coils. Also used for end turn bundling and phase insulation on small sub-fractional horsepower motors.

Particularly well suited for high-speed machine applications.

FEATURES AND BENEFITS

- Ideal where dimensional restrictions limit insulation build-up: thin, conformable, tough, tear resistant.
- Extreme chemical purity recommends tapes; use for very fine wire applications.
- High dielectric strength and moisture resistance are ideal for high voltage insulation.
- Aggressive, high-hold, semi-cured adhesive permits use in solvent environments without additional thermosetting.
- Uniform low unwind adhesion permits automated application

TECHNICAL DATA

Insulation class	130° C
Backing material	1-mil polyester film
Colors	P-252 Orange P-253 Clear P-256 Yellow
Adhesive	Rubber/resin, thermosetting, semi-cured
Total tape thickness	2.5 mils/0.063 mm
Adhesion to steel	50 oz. per in./560 gm per cm
Tensile strength	25 lbs. per in./4.5 kg per cm
Dielectric strength	5,500 volts
Gov't specification	MIL I 15126F, Type MFT 2.5 (P-252: MIL-T-23142B)
UL component	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.