

P-389 CO

1 OZ. COPPER FOIL TAPE

PRODUCT DESCRIPTION

Engineered for EMI/RFI shielding on small electro-magnetic components. Bright, clean electro-deposited copper foil is soft annealed for improved conformability making it ideal in aerospace and electrical markets.

FEATURES

- Outstanding adhesion is provided by an insulating, chemically pure, non-corrosive, solvent and heat resistant thermosetting acrylic adhesive.
- Excellent solder-ability and high conformability.
- Slitting can start at 1/16" / 1.5875 mm and up making this an economical solution for production.

PRODUCT CONSTRUCTION

COPPER FOIL
ACRYLIC ADHESIVE
LINER

APPLICATION

- Designed for electro-magnetic interference (EMI) and radio-frequency interference (RFI) shielding on small electro-magnetic component transformer and reactor coils, instrument and control motors.
- Ideal for printed wiring board modification and repair, prototype wiring board layout, design and contact surfaces in specialty switch manufacturing.
- Recommended as economical shielding enhancement wrapped over woven braid shielding cable.

PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

Backing Material	Electro-deposited copper foil	
Adhesive	Acrylic, thermosetting, solvent resistant, interlined	
Color	Bright Copper	
	Imperial	Metric
Total Tape Thickness	3.2 mil	0.081 mm
Tensile Strength	65 lbs/in	114 N/ 10 mm
Elongation	5%	5%
Adhesion to Steel	65 oz/in	7.1 N/ 10 mm
Insulation Class UL	311°F	155°C
Certifications	UL-510	
Government Specifications	ASTM E595	

*CAUTION: The above are typical values and should not be used in writing specifications. Customer is responsible to ensure product meets intended application requirements before approved for use.

GENERAL STORAGE CONDITIONS

Best stored between 50°F-80°F / 10°C-27°C, 25-50% relative humidity; out of direct sunlight.

PRECAUTION REMINDER

Surface should be clean, free of oil, moisture and dirt before applying. Pressure-sensitive adhesive tapes may require pressure by roller, hand or press when applying. Not doing so may affect the general properties and appearance. Please inspect your surface prior to application; this tape may not adhere well to extremely uneven or distorted surfaces. Please remember to allow adequate time for full adhesive strength.

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