

## 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

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