

## P-391 CO

### 1 OZ. COPPER FOIL CONDUCTIVE TAPE

#### PRODUCT DESCRIPTION

Engineered for EMI/RFI shielding, ease of die cutting and outstanding adhesion for improved conformability making it ideal in aerospace and electrical markets.

#### FEATURES

- Offers outstanding solvent resistance, excellent adhesion and is easy to apply.
- Coated protective paper interliner makes for easy die cutting.
- Electro-deposited copper foil backing is soft annealed for superior conformability & excellent solder ability.

#### PRODUCT CONSTRUCTION

COPPER FOIL
ACRYLIC CONDUCTIVE INTERLINED ADHESIVE
LINER

#### APPLICATION

- Engineered specifically for EMI/RFI shielding. Combines outstanding adhesion, interlining to permit ease of die-cutting, and a high EMI/RFI shielding effectiveness.
- Widely used on transformer and reactor coils and instruments and control motors.
- Acts as an effective shielding enhancement wrapped over woven braid shielded cable and is an ideal supplemental shield at seams, joints and access doors and covers of electronic cabinetry enclosures.

#### PROPERTIES, CERTIFICATIONS AND SPECIFICATIONS

<b>Backing Material</b>	Copper foil	
<b>Adhesive</b>	Acrylic, conductive, interlined	
<b>Color</b>	Copper	
	<b>Imperial</b>	<b>Metric</b>
<b>Total Tape Thickness</b>	3.5 mil	0.089 mm
<b>Tensile Strength</b>	27 lbs/in	48 N/ 10 mm
<b>Elongation</b>	6%	6%
<b>Adhesion to Steel</b>	51 oz/in	5.6 N/ 10 mm
<b>Insulation Class UL</b>	311 °F	155 °C
<b>Certifications</b>	UL-510	

\*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.

## WARRANTY INFORMATION

The following is made in lieu of all warranties, expressed or implied, including the warranty of merchantability and fitness for a particular or ordinary purpose. NITTO DENKO AMERICA warrants that its products meet the applicable specifications at the time of shipment from our warehouse and NITTO DENKO AMERICA's sole obligation shall be to replace any such quantity of the product which fails to meet NITTO DENKO AMERICA's specifications, or to issue a credit for such merchandise, for a period of six (6) months from the date of shipment.

NITTO DENKO AMERICA MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

NITTO DENKO AMERICA shall not be liable for any injury, loss or damage, direct or consequential, arising out of or in connection with the use or the inability to use the product, nor shall any recovery of any kind in total against NITTO DENKO AMERICA be greater in amount than the purchased price of the specific material sold causing the alleged loss, damage or injury. Before using, buyer shall be responsible to determine the suitability of the product for his intended use, and buyer assumes all risk and liability in connection therewith. The foregoing may not be altered except by an agreement signed by an officer of NITTO DENKO AMERICA.

Any delays in or failure by either party hereto in the performance of any obligations hereunder shall be excused if and to the extent caused by occurrences beyond such party's reasonable control, including Acts of God, strikes or other labor disturbances, war, whether declared or not, fire, inability to secure transportation or any other cause or causes which cannot be reasonably controlled by such party.