

P-391 CO

CONDUCTIVE 1 OZ. COPPER FOIL 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
CONDUCTIVE ACRYLIC 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

Backing Material	Copper foil	
Adhesive	Conductive Acrylic	
Color	Copper	
	Imperial	Metric
Total Tape Thickness	3.5 mil	0.089 mm
Tensile Strength	27 lbs/in	94.56 N/20 mm
Elongation	6%	
Adhesion to Steel	51 oz/in	11.16 N/20 mm
Insulation Class UL	311°F	155°C
Certifications	UL-510, ISO /IATF/AS: https://www.nitto.com/us/en/about_us/Americas/americas_certification/	

*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.

SHELF LIFE & GENERAL STORAGE CONDITIONS

The general shelf life and storage conditions for this Nitto, Inc. product are as follows:

- Shelf life for this product is EIGHTEEN MONTHS FROM DATE OF SHIPMENT.
- 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

Unless Nitto agrees otherwise in a written agreement signed by Nitto, the warranty information and other terms of sale can be found in the Nitto Terms and Conditions of Sale in the legal section of www.nitto.com and are hereby incorporated by reference.

TECHNICAL SUPPORT

For questions pertaining to this data sheet or for additional product information; please email us directly at support.us@nitto.com