

LINQTAPE™ CFT1CA-Series

Shielding & Antistatic Copper Foil Tape with Conductive Acrylic Adhesive



1 OUNCE COPPER FOIL TAPE

SHIELDING EFFECTIVENESS OF UP TO 80dB

EASY HANDLING



PRODUCT DESCRIPTION

Copper foil tape with a high conductive acrylic adhesive layer with a high shielding effectiveness



PRODUCT APPLICATION

Used for EMI shielding, electronic design prototyping and troubleshooting and reducing electrostatic charge



PRODUCT FEATURES

1 ounce copper foil with a unique electrically conductive pressure-sensitive adhesive. Supplied on removable liner for easy handling.



PRODUCT DESCRIPTION

LINQTAPE™ CFT1CA-Series is a copper foil tape with a conductive acrylic adhesive layer designed for shielding and grounding in electrical designs. Linqtape copper foil tapes are designed to contain signals emitted from your electronic components.

LINQTAPE™ CFT1CA-Series provides excellent Electromagnetic Interference (EMI) shielding with a shielding effectiveness of up to 80dB (30MHz – 1GHz). Linqtape copper foil tapes has great adhesion qualities with an adhesion strength to steel of 35 oz/in (9,7 N/25mm).

LINQTAPE™ CFT1CA-Series comes in 33 meter (36 yard) rolls of varying widths up to a maximum width of 500 mm. The standard tape has a 1.4 mil (35.6 µm) copper foil thickness.



PRODUCT APPLICATION



► Application Examples

- Small scale testing and building of pressure sensors.
- Shielding individual electronic components and cables.
- Shielding electronic cabinet doors and panels.
- Shielding of seams and apertures in shielded rooms.
- EMI troubleshooting in electronic designs
- EMI prototyping in electronic design and test environment.
- Eliminating static build-up on electronic components (SSD, CRTs and computer peripherals).

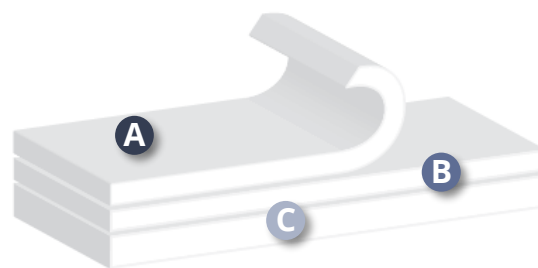




PRODUCT FEATURES

TYPICAL PROPERTIES	UNIT	VALUE
Color		Copper
Adhesion Type		Acrylic
Film (Backing) Thickness	µm	35.6 (1.4 mil)
Adhesive Thickness	µm	30.5 (1.2 mil)
Total Thickness	µm	66,1 (2.6 mil)
Adhesion to Steel	N/25mm oz/in	9.7 35
Tensile Strength	N/25mm lbs/in	109.4 25
Electrical Resistivity	Ohms/sq	0,005
Temperature Range	°C	-40 to 130
Shielding Effectiveness	dB	60-80

► PRODUCT CROSS-SECTION



A Copper Foil Backing: 35.6 µm

B Conductive Acrylic Adhesive : 30.5 µm

C Paper Release Liner

► PRODUCT NOMENCLATURE

CFT: Copper Foil Tape

1: 1 ounce (35.6 µm) Copper Foil

CA: Conductive Acrylic Adhesive

DATA RANGES

The data contained herein may be reported as a typical value and/or range values based on actual test data and are verified on a periodic basis.

STORAGE AND HANDLING

LINQTAPE™ CFT1CA-Series is supplied in rolls and should be kept in a cool (10°C – 25°C) dry place (<75% humidity) away from direct sunlight or temperature extremes.

Once removed from packaging it should be protected against dust and other impurities.

The above figures are typical material properties only and are not to be used for product specification purposes. To generate a specification for this product, please contact our Quality Manager and request a copy of the current stock specification. The information and recommendations supplied in this document are believed to be accurate but no guarantee of their accuracy is made; they are for guidance only and should not be construed as a warranty. All implied warranties are expressly disclaimed, including without limitations any warranty of merchantability and fitness for use. It is recommended that purchasers before using this product conduct their own tests to determine whether the product is suitable for their particular purposes under their own operating conditions.



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