

Product Data Sheet

Copper Foil Tape With Conductive Acrylic Adhesive

Description:

1 oz Copper Foil (1.4 mil) coated with a special acrylic adhesive, which is uniformly dispersed with conductive spheres to provide a very low rate of electrical resistance through the tape. Tape is wound on a white 66# paper release liner.

Features & Benefits:

1 oz. Rolled Copper Foil provides excellent solderability and conformity. Product is coated with an aggressive Acrylic Adhesive system, which creates a superior bond. Annealed and non-tarnishing.

Typical Applications:

Cable wrapping to provide EMI/RFI shielding, seaming of EMI/RFI shielded rooms for electrical continuity, static charge draining, surface contact to non-solderable materials (e.g. aluminum or plastics).

Physical Properties:

Backing 1 oz Rolled Copper Foil (1.4 mil)

Adhesive Conductive Acrylic

Color Bright Copper

Tape Thickness 3.5 mil without liner

Adhesion to Steel 40 oz/inch

Tensile Strength 25 lb./inch

Elongation 5%

Operating Temperature Class F (155°C)

Electrical Resistance 0.003 Ohms/in

Flammability File #E130121, UL 510, Section 4

Specification Government specification MIL-T47012

Also known as: conductive metal tape, conductive metal tape, CFL5CA, CFL-5CA, conductive tape, conductive tape, copper foil tape, copper foil tapes, copper tape, copper tapes, conductive copper foil tape.

Alternative to 3M #1181; Permacel # P-391; Chomerics #CCH101; Venture #1697; Saint-Gobain #C665; Lamart #882.

Note: The physical properties listed above are typical test results obtained from a series of laboratory tests and should not be used for the purpose of writing specifications. Before using this product, user shall determine the suitability of the product for his/her use; and user assumes all risks and liabilities in connection therewith. All test procedures used are in accordance with ASTM and PSTC methods.

If you need assistance when ordering: Call Us at (877) 284-4781.

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