

Copper Tape Information

Standards Compliance

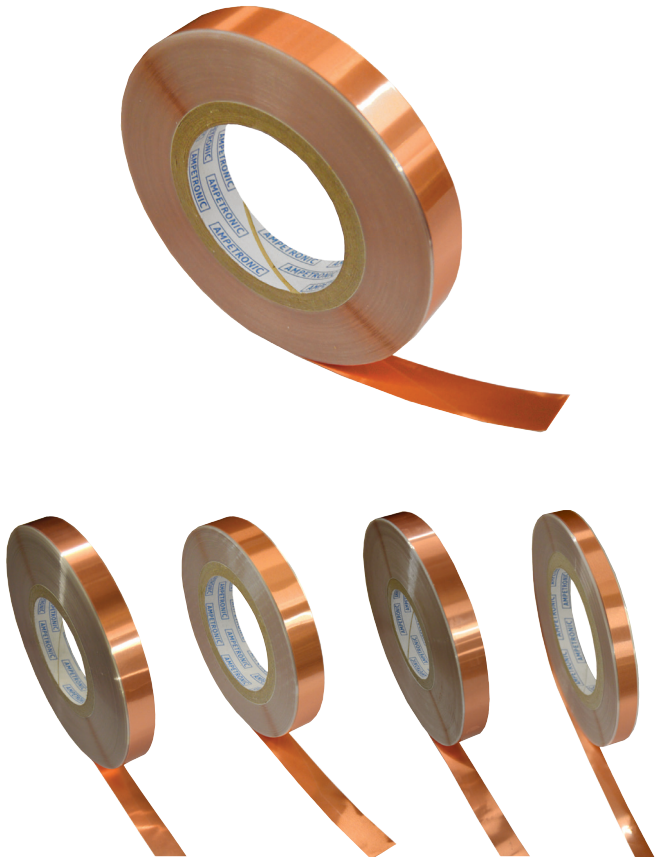
Ampetronic Flat Copper Tape is UL recognised for fire retardancy and uses RoHS compliant, halogen free, non-toxic polyester insulation.

Installation note

When installed, the Ampetronic flat copper tape is not normally visible through carpets and floor coverings. However, if used under particularly thin floor coverings, the line of the tape may be slightly visible. The installer is responsible for confirming the compatibility of all materials before they are used in any project.

Warranty Information

Copper Tape and Printed Warning Tape are warranted against defects in manufacture present at the time of supply. The warranty does not cover installation errors or mechanical damage to the products.



WORKING WITH FLAT COPPER TAPE

To turn a corner, simply fold the tape over and press to flatten. To terminate, tin the end of the tape with a good soldering iron, melting the polyester insulation with the solder.

Solder on feeder cable (or the next length of tape) to the copper tape, and insulate with electrical tape ensuring that there is no possible conductance to any surrounding materials.

Crimps are available for installations where soldering is not possible.

OPTIONAL ACCESSORIES

Printed Warning Tape (ACWP50)

Ampetronic supply a special high quality adhesive tape for affixing copper tape to floor surfaces. The tape has a printed warning message and symbols designed to alert others to its presence, purpose and importance.



The warning message printed on the tape is especially pertinent if visible before a floor covering is fitted. To alert inform carpet fitters of its location so that can avoid cutting the cables for example.

The carrier layer of the tape is LDPE (Low-Density Polyethylene) coated Polyester (65%) / cloth (fabric material 35%). The glue is a natural rubber & synthetic resin.

Ampetronic Printed Warning Tape is 50mm (2") wide and supplied in 50 metre (164ft) reels. The colour is white and printed with a blue warning text and hearing loop logo 'T'.

PVC Extrusion (ACEX01)

This is a high density PVC extrusion, supplied in 3 metre sections, for covering the copper tape in areas where a high level of physical protection is needed, such as exposed floors.



Colour is light grey. Normal fixing is by means of the extra heavy duty adhesive strip fitted to the edges of the extrusion, but in exceptional cases screws or special fixing pins can be used in addition.

It is essential that the fixing surface should be free of grease, polish or dust.

Crimps and crimp tool (GJ00002#)

Cable crimps are used to connect feed cables from a hearing loop driver to flat copper tape loop(s) in a quick, easy and effective manner. Crimps also help to negate the requirement for a hot works permit, which can sometimes be a struggle to acquire onsite when you need to solder the copper tape to the feed cables.



The crimp tool compresses the connector to the round feed cable and clamps the teeth of the crimp onto the copper tape. There are three different types of crimps, two for different gauge wires (10-12AWG and 14-16AWG) and one for extending lengths of copper tape (Termi-foil splice crimp).

FH50501#	10-12 AWG
FH50502#	Termi-foil splice crimp
FH50503#	14-16 AWG

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Issue no UP30053-5

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