



Flat Copper Tape

Our flat copper tape is placed under flooring when installing large area loops. It is available in reels of 100m.

Our copper tape comes in 10mm, 12.5mm and 25mm widths and its insulation film can be soldered through. Use our loop calculator tool to find out whether it is suitable for your project. Get in touch for guidance on installation.

Physical Data

Dimensions	Thickness – 0.1mm
Weight	2.62kg (5.77lbs)

Conductor

Composition	Copper 99.5% (minimum)
Density	8.9g/cm ³
Melting Point	1083°C
Electrical conductivity	58m/ohm mm ² at 20°C (100%IACS)
Electrical resistance	0.01741 ohm mm ² /m at 20°C
Hardness	50/60 HV
Copper section	RL-TAPE-10 - 0.5mm ² RL-TAPE-12.5 - 1.25mm ² RL-TAPE-25 - 2.5mm ²

Insulation Film

Density	1.36g/cm ³
Tensile strength	200N/mm ²
Elongation	60%
Temperature rating (Continuous use) Melting point	160°C
Breakdown voltage	7KV

RL-TAPE-10 / RL-TAPE-12.5 / RL-TAPE-25

Applications

Our large area loops can be used in a variety of settings such as:

- Classrooms
- Theatres
- Places of worship
- Sports arenas
- Conference centres