

Description

PVC Covered Copper Earthing Tape is designed for use as a conductor in earthing and lightning protection systems. PVC Coated Copper Tape is used for electrical transmission and distribution, power generators, and electronic applications.

Application

Copper Tape is by far the most important component of any earth or structural lightning protection system. PVC Covered Copper Earthing Tape is designed for use as a conductor in earthing and lightning protection systems.

PVC Coated Copper Tape is used for electrical transmission and distribution, power generators, and electronic applications. PVC Coated Copper Tape is mainly used as down conductors on a building's structural lightning protection system. The copper is manufactured to BS EN 13601 and is annealed for ease of use.

Construction

Conductor material: Bare copper tape

Sheath: PVC

Physical Properties

Thickness of PVC sheath	2.0mm
Electrical resistance of copper at 20°C	0.0176Wmm ² /m
Copper melting point	1083°C
Current density at which the conductor temperature rises from 40°C to 150°C in a time of 1 s if all heat is retained in conductor	140A/mm ²

Technical Information

Colour	Dimensions	Cross Sectional Area / Thickness	Weight Per Metre	Standard Coil Size
Black	12.5mm x 1.5mm	18.75mm ²	0.21kg	100m
Brown	25mm x 3mm	75mm ²	0.77kg	25m & 50m
Black	25mm x 3mm	75mm ²	0.77kg	25m & 50m
Grey	25mm x 3mm	75mm ²	0.77kg	25m & 50m
Green	25mm x 3mm	75mm ²	0.77kg	25m & 50m
Stone	25mm x 3mm	75mm ²	0.77kg	25m & 50m
White	25mm x 3mm	75mm ²	0.77kg	25m & 50m
Green	25mm x 6mm	150mm ²	1.33kg	40m

Green	50mm x 3mm	150mm ²	1.33kg	40m
Green	50mm x 6mm	300mm ²	2.68kg	20m