

Conductors

By far the largest and most important component of any earthing or structural lightning protection system is the actual conductor.

Furse offers a comprehensive range of copper and aluminium conductors in each of the main world-standard formats, ie. flat tape, solid circular and stranded.

Conductor colour chart

The choice of a lightning protection conductor is usually governed by its aesthetic impact on the structure to be protected.

In order to reduce the impact of an external system, Furse offers a range of UV-stabilised, PVC-covered tapes and solid circular conductors in colours chosen to match common building materials.

Black	18B29*		Stone	08B23*	
Green	BS 6746C		White	10B15*	
Grey	00A07*		Brown	06C39*	

* PVC colours to BS 5252

Bare copper tape

TC030

High conductivity copper tape to BS EN 13601 (formerly BS 1432).



PVC covered copper tape

TC105-130

High conductivity copper tape to BS EN 13601 (formerly BS 1432).*



Bare aluminium tape

TA030

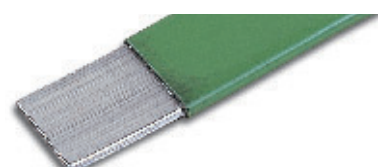
Aluminium tape to BS 2898-1350.



PVC covered aluminium tape

TA015

Aluminium tape to BS 2898-1350.*



* PVC colours to BS 5252. † Green to BS 6746C. Other colours are available to order. Contact Furse for details.

Furse manufactures flat tape conductors in sizes from 12.5mm x 1.5mm to 50mm x 6.3mm giving the installer a choice of conductor to suit all applications.