

## Material: IS 1897 CuCATH-HB

## Standard Specification for Copper Strip for Electrical Purposes

### **Group: Non-Ferrous Copper Alloy**

## **Sub Group: IS 1897 Copper Strip for Electrical Purposes**

**Application: Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade**

### Belongs to the Industry: *Strip*

### Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	154.5 - 698.2
Yield Strength in Mpa	54.5 - 366.7
Elongation in %	10 - 15
Reduction of Area in %	-
Hardness in HV	75 min.
Impact in Joule	35. 5 - 131.9 @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
Cu-ETP	IS	India	Ingot and Casting
Cu FRHC	IS	India	Ingot and Casting
CuCATH-HD	IS	India	Strip
CuCATH-O	IS	India	Strip
CuETP-HA	IS	India	Plate, Sheet, Strip and Foils
CuETP-HB	IS	India	Strip
C 101	BS	British	Rod and Section

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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)