



**SOHAN**  
Coppertech Pvt. Ltd.

Potential Of Power



## The Group

**SOHAN**  
Coppertech Pvt. Ltd. Potential Of Power

**SOHAN**  
Healthcare Pvt. Ltd.

Life is too precious

**SOHAN**  
Stock & Realty Holdings Pvt. Ltd.

MONEY MUST G R O W

Shrinivasa Cattle Feeds Pvt. Ltd.

Shiva Parvati Poultry Feeds Pvt Ltd.

**SOHAN**  
Coppertech Pvt. Ltd. Potential Of Power

It is The State of Art Plant Located at Nanded Maharashtra India. Plant have all Global Standard Manufacturing , Laboratory Testing Facilities. In house Modern Workshop for Ease & Perfection of dies & moulds. Total Premises of 1,25,000 Sq. Ft with Built up area of 40,000 Sq. Feet. Qualified, Experienced Personnel for Prompt Service & to serve Best Quality Products.



**SOHAN**  
Coppertech Pvt. Ltd.

## Mission

To cater Growing demand of Power Industry Indigenously

## Quality Control



## ISO Certificate & Quality Policy



## Standards

IS 1897

IS 613

ASTM C10100 (OFE)

C 10200(OF)

C 11000 (ETP)

EN 13601:2002

## Advantages over ETP and EC

It is manufactured from Purest Form of Copper(Virgin) . It has highest Electrical Conductivity up to 101 % IACS . It is wax Free & Very soft .

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# Products of Oxygen Free High Conductivity Copper & ETP Copper

## BUS BARS & STRIPS

WIDTH 5 mm to 200 mm

Thickness 1 mm to 30 mm

CROSS SECTIONAL AREA 5mm<sup>2</sup> to 6000mm<sup>2</sup>



## RODS

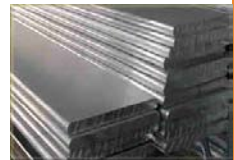
MAXIMUM UP TO 80 mm DIAMETER.

Round, Square, Rectangular, Hexagonal



## TIN PLATED COPPER BUS BARS & RODS

Tin Plating 5 Microns , 8 Microns ,10 Microns



## PROFILES & SECTIONS

WIDTH 5mm to 200mm

Thickness 1mm to 30mm

CROSS SECTIONAL AREA

5mm<sup>2</sup> to 2000mm<sup>2</sup>



## COMMUTATORS

Silver Bearing Copper Rods for Commutators & Commutator Segments in various shapes like Trapezoidal, Knife Edge, Tapered shape.



## COPPER TAPES

BUS BARS & STRIPS For various applications like Earthing, Automobiles Vastu Shastra.



## COPPER STRIPS

Width 5- 35 MM &  
Thickness 0.7 mm to 2 mm.



## COMPONENTS

BUS BARS & STRIPS TAILOR MADE  
PUNCHED  
BENDED  
SHEARED AS PER DRAWING



## Copper Conductors

(Oxygen Free High Conductivity Copper & ETP Copper )

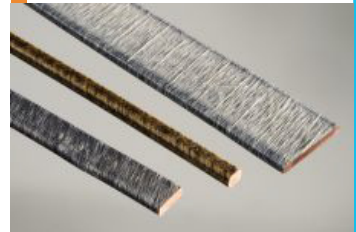
### PAPER COVERED

Cross Sectional Area from 9mm<sup>2</sup> to 150mm<sup>2</sup>  
( 4 to 16 Layers & 1,2,3 Strips Bunch)  
Craft / Creep/ Nomex /  
Amotofors Paper Covering as per  
Customer Requirement



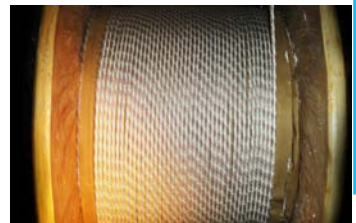
### FIBRE GLASS COVERED

Enamelled Fibre Glass Covered Strips  
are useful where high mechanical  
strength & high insulation properties  
are required. WIDTH 3mm to 20mm  
Thickness 1mm to 5mm  
Cross Section Area 3mm<sup>2</sup> to 100mm<sup>2</sup>



### FIBRE GLASS TAPE COVERED COPPER CONDUCTORS ( 'F', 'H', 'C' Class of Insulations )

Fibre Glass Silicon Coated Copper Conductors  
Suitable for Highly Corrosive Atmospheres .



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## CC RODS

OFC (OXYGEN FREE  
i.e. <10 ppm O<sub>2</sub>) & ETP Grade  
CONTINUOUS CASTED  
COPPER RODS  
READY FOR DRAWING  
& EXTRUSION



## CTC\*

Continuously Transposed Conductors (CTC)  
are Used in Power Transformers,  
Chokes For abatement of Power Losses  
& for Lowering Cost Of Windings over  
Conventional Wire Windings.  
Copper Strips are First Enameled &  
then Paper Covered, Fibre Glass Covered in  
Layers as per Customer requirement.  
No. Of Strands 7 to 48  
Size of Single ConductorT 1.12mm to 2.85mm  
Width 3.15mm to 13mm  
Max. No. of Wrapping 8\*n



## ENAMELLED STRIPS\*

Enamelled strips are used where Compact  
Electrical windings are required. Polyester,  
Polyesterimide, Polyesterimide Overcoated  
with Polyamide –imide Enamelled Copper  
Strips.  
Width 3mm to 20mm  
Thickness 1mm to 5mm  
CrossSectional Area 3mm<sup>2</sup> to 100mm<sup>2</sup>



\* denotes shortly to be introduced

## Copper Alloys

### COPPERS

Cu-OF, Cu-OFE, Cu-OFC

### ALLOYED COPPERS

CuAg 0.03, CuAg 0.05, Cu Ag 0.1,  
Cu Ag 0.2, Cu-DLP, Cu-DHP

### BRASSES

CuZn10, CuZn 20, CuZn 30, CuZn37Pb2

### OTHER ALLOYS

CuSn4, CuSn6, CuSn8, CuNi12Zn24

## Environment

60 Acres of Teakwood  
Plantation at Kasar Bahel  
Mahagaon Dist Yavatmal.  
Average age of Plantation  
is 15 years with Crown radius of 15 Feet.  
A Small Effort to Balance Enviroment.  
Water Harvesting at Every Plant to  
increase Ground water Level.



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