

Paper / Polyester Insulated Copper Conductor (PICC)

Insulation		
Paper Types	Standard type Thermokraft IEC 554-2 VDE 0311 Standard tip Nomex T-410, as per customer requirement.	
Dimensions	Copper Strips	Copper Wires
	Width: 3mm - 16mm Thickness: 1.2mm - 6mm	Diameter: 1.2mm - 2.5mm
Standards	DIN EN 13601(DIN 46433-DIN 40500/3), DIN 46434, DIN 46452,IS-8572:1993, as per customer requirement.	
Applications	PICC is one of the most commonly used wires for winding coils of transformers and other electrical equipment.	



RECOGNITION



Shri Devender Surana, Managing Director, M/s Bhagyanagar India Ltd. receiving the "HMA Entrepreneur of the Year Award 2018" from the Hon'ble Vice President of India Shri M. Venkaiah Naidu



Shri Devender Surana, Managing Director, M/s Bhagyanagar India Ltd. presenting the Award to former President of India Shri Pranab Mukherjee

OUR CLIENTS



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BHAGYANAGAR COPPER PRIVATE LIMITED

(AN ISO 9001-2015 COMPANY)

(A Group Company of Bhagyanagar India Ltd.)

Biggest Manufacturer of Copper Products in India



Only Manufacturer of Copper Bus Bars upto 300 mm width

39 ELECTRIFYING YEARS

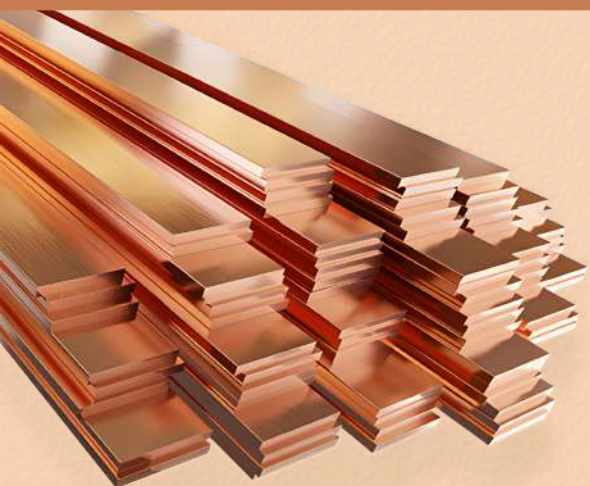
Serving Industry for 39 Years

Copper in all Vehicles across India

Copper to all switchgear and transformer Industries

Listed on NSE & BSE with an Annual turnover of 1800 Crores

COPPER PRODUCTS



Copper Bus Bars / Copper Flats

RECTANGULAR SHAPED BARE COPPER BUSBARS

Cross section	Width	Thickness	Standards
upto 3000 mm ²	upto 300 mm	up to 50 mm	IS, BS, DIN, EN, ASTM, etc...

- MATERIAL

Cu CONTENT

STANDARD

CONDUCTIVITY

TYPE

APPLICATIONS
- : OFC / ETP

: Min 99.90%

: As per customer requirements

: Min 100% (in soft condition),
Min 97% (in hard condition)

: Rectangular, square and any corner radius

: Switchgear, Transformers, Circuit Breakers,
Terminals and Connectors.

We also offer SILVER and TINNING for Copper Bus Bars, Minimum SILVER coating thickness of 0.5 microns & Minimum TIN coating thickness of 8 microns and according to customer specifications.

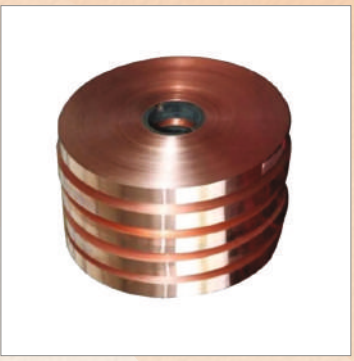
Auto Electrical Parts

Field Coil



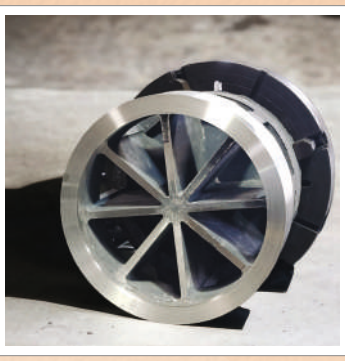
Cotton Insulated Copper Coil
APPLICATIONS
All kinds of Starter Motors for Automobile Engines.

Copper Earthing Tape



Copper Tape for Earthing purpose
25x3, 25x6
40x3, 40x6
50x3, 50x6 etc.

Magnesium



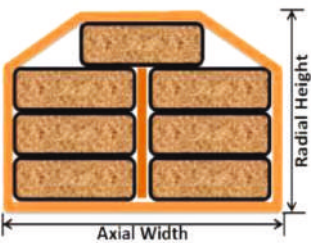
Casting, Components
Magnesium alloy sand and Die casting, machining and coating.

Continuously Transposed Conductor (CTC)



Production range CTC

Parameter	Range
Number of stands	5 to 29
Width (Single Strip)	4mm to 11.5
Thickness (Single Strip)	0.9 to 3mm
Number of Layers	Maximum 24
Transposing factor (Ft)	6 to 12



Copper Nugget

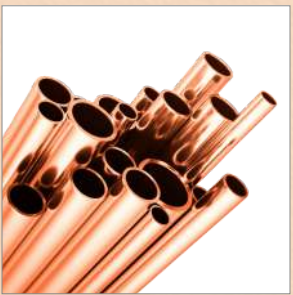


OXYGEN FREE COPPER ANODE (OFC nuggets)

Ideal anode material for copper electroplating processes, cylindrical types of nuggets are produced from upcast process. OFC nuggets have very high copper purity. Sphere and ball nuggets are in initial stages.

Oxygen Free (OFC)	Diameter (mm)	
	(mm)	(inch)
% Cu 99.995 min.	8.0	0.315
Oxygen % < 10ppm	10.0	0.393
	12.5	0.492

Copper Tubes



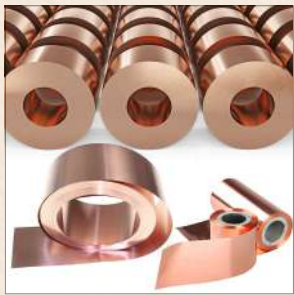
Sizes: 1/4" to 1" (Inch)
Thickness: 16 SWG to 25 SWG
Applications for tubes:
Solar Flat Plate collectors, Refrigeration, Heat Exchangers, Electrical Industry Heating Element

Copper Wires & Rods



Diameter : 1.1mm - 130 mm
Thickness: 16 SWG to 25 SWG
Application :
All kinds of Automobiles

Copper Foils



Width: 11mm - 200 mm
Thickness: 0.05mm - 3 mm
Applications for tubes:
Use in switchgear, Cable Industry

Copper Bottles



Specification : Copper Bottles Range
1000ml, 850ml, 650ml

Enameled Copper Strip



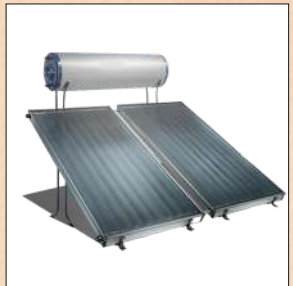
Sizes: Width 12mm, Thickness: 1.2mm
Covering: 0.06 to 0.11mm
Insulation thermal class: polyester mide, 180°C with a polystermide-imide overcoat, 200°C
Standards: IEC60317-16, IS13730-16

Enameled Copper Wire



Sizes: 0.55 to 3.65 (mm) 24swg to 9swg
Thickness: grade1, grade2, grade3
Insulation thermal class: polyester mide, 180°C with a polystermide-imide overcoat, 200°C
Standards: IEC60317-16, IS13730-16

Solar Flat Plate Collectors



Specification :
IS-12933 - 2003
PART (3)
Capacity (LPD)
100/200 Ltrs
No.of Fins :
Solar Absorber Material
Copper Fins / All Fins

Solar Absorber Fins



Specification :
Nalson Coated Fins
Cu & Al
Application :
Solar Flate Plate
Collector