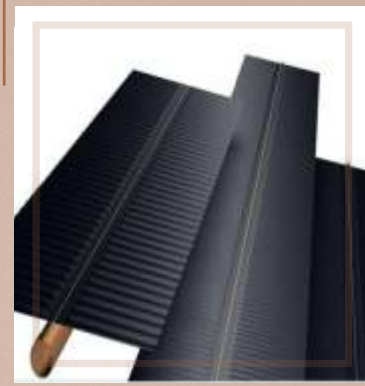


Solar Flat Plate Collectors

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

Solar Absorber Fins

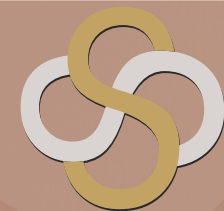
Specification:
Nelson Coated Fins
Cu & Al
Application:
Solar Flat Plate Collector

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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www.bhagyanagarindia.com



BHAGYANAGAR INDIA LTD.

(An ISO 9001-2015 Company)

Biggest Manufacturer of Copper Products in India

Only Manufacturer of Copper Bus Bars upto 300 mm width

- Serving Industry for 34 years.
- Copper in all vehicles across India.
- Copper to all switchgear Industries
- Listed on NSE & BSE with an annual turnover of 570 crores.

www.bhagyanagarindia.com

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	: OFC / ETP
Cu CONTENT	: Min 99.90%
STANDARD	: As per customer requirements
CONDUCTIVITY	: Min 100% (in soft condition), Min 97% (in hard condition)
TYPE	: Rectangular, square and any corner radius
APPLICATIONS	: Switchgear, Transformers, Circuit Breakers, Terminals and Connectors.

We also offer tinning for Copper Bus Bars. 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.

Armature Pins



APPLICATIONS
All kinds of Starter Motors
for Automobile Engines.

Commutators



Specification: IS-14569-1999
Raw Material: Copper Wire of
Ø8mm and Ø10mm
Model: LCV (Barrel Type)
Starter Motor (Riser Type)

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.	



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



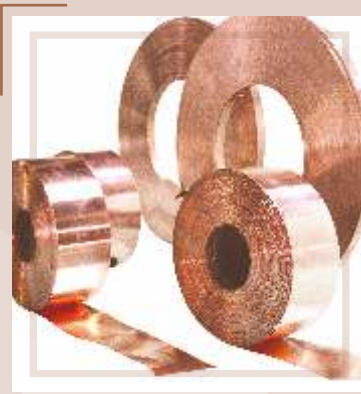
Sizes: 1/4" to 1" (Inch)
Thickness:
16 SWG to 25 SWG
Applications for tubes:
Solar Flat Plate collectors
Refrigeration
Heat Exchangers
Electrical Industry
Heating Element

Copper Wires & Rods



Diameter:
1.1mm - 130mm
Application:
All kinds of
Automobiles

Copper Foils



Width: 11mm - 300mm
Thickness: 0.05mm - 3mm
Applications:
Used in switchgear,
cable industry.

Copper Bottles



Specification:
Copper Bottles Range
1000ml
850ml
650ml

Submersible Wires



Sizes: 0.5mm - 2.00mm
wire insulation thickness
Thickness:
As per customer requirement

Heating Element

Rating: 2.0 KW / 3 KW



Heating Element
IS - 4159

Raw Material inputs:
• Copper Tubes
• Nicrome Wire
• Insulation Powder (mgo)
• Brass Flanges, Screws
& Nuts