



COPPER LINK
INTERNATIONAL

COMPANY PROFILE

Industry leader specializing in copper & alloy products



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copperlinkint.com

ABOUT US

Welcome to Copper Link International

Forging Excellence in Ferrous and Non-Ferrous Metals

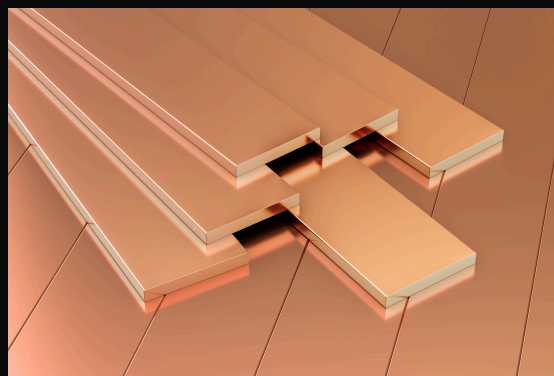
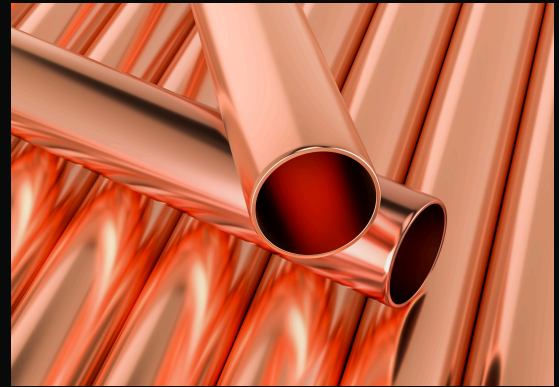
A Mumbai-based enterprise dedicated to crafting excellence in ferrous and non-ferrous metals. As manufacturers, stockists, and exporters, we specialize in copper and alloy products, offering a diverse range including Tubes & Pipes, Coils, Busbars, Strips, Sheets, Foils, Wires, Round Bars, and Square Bars.

Committed to unwavering quality, Copper Link undergoes rigorous third-party inspections, ensuring products meet top industry standards. Our deliveries come with quality certificates and detailed test reports, assuring you of superior materials. With in-house facilities, we tailor materials to your specifications, delivering precision and reliability.

Experience excellence with Copper Link International – your trusted partner in ferrous and non-ferrous metals.

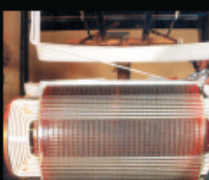
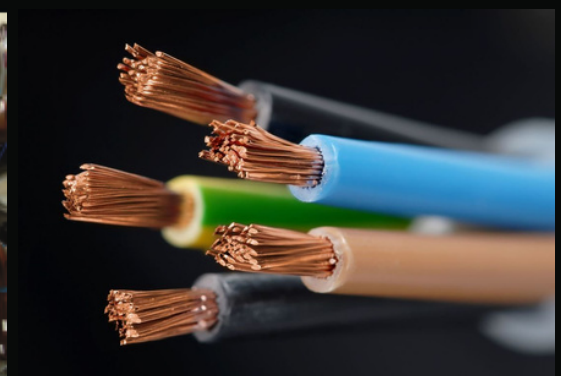
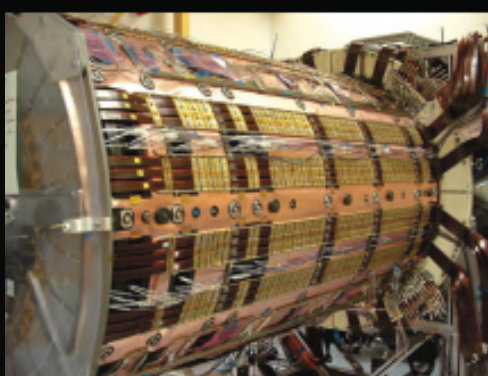
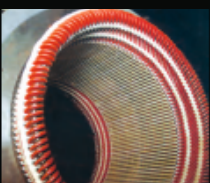
PRODUCT RANGE

- Oxygen free copper
- Busbars, Flats, Strips, Pipes, Rods, Wires
- Tin-plated Busbars & Wires
- Copper Profiles for Commutators
- Special Profiles
- Anodes
- Forged and Cast Copper Contact Clamps, Shoe, Lugs, Equalizer, Terminal, Plates & Pressure Rings
- Forged Copper Ring
- Forged and machined Copper components as per customer's drawings



APPLICATION

- Railways
- Chlor- Alkali Plants / Ferro Alloys
- Telecommunications
- Distribution Transformers
- Air Circuit Breakers
- Control Panels
- House Wiring
- Electric Motors / Traction Motors
- Power Generators
- Overhead Lines
- Plating



PRODUCTION PROCESS



Other operations such as Annealing, Pickling, Winding, Straightening or Cutting to length are needed in each process for the manufacture of the semi-finished products.

- Casting
- Forging
- Hot Rolling
- Cold Rolling
- Drawing
- Extrusion
- Machining

PRODUCT SPECIFICATION

Fusion Welded Copper Flexible Connectors

This type of Flexible connector is made of several electrolytic grade copper sheets/foils overlapping each other.

The contact resistivity in between each folio is almost zero, hence millivolt drop across the connector is negligible.

These connectors are of very high electrical conductive materials due to excellent molecular bonds. They are also ideal for coupling in areas subject to vibration.

The welded connection ends can be drilled, cut, and/or milled as per the drawing.

Product Application Areas:

- ❖ Expansion joints between busbars.
- ❖ Expansion joint between collecting bars and transformers, respectively generators and rectifiers.
- ❖ Expansion joints between engines and machine parts.
- ❖ Moving expansion joint in welding machines.
- ❖ Expansion joint in switchgears.
- ❖ Expansion joints in robots.

Product Specification:

ISS	ASTM	BS EN	CHEMICAL COMPOSITION
	B 187/C 10200	13601/CW008A	CU 99.95% MIN OXYGEN 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	CU 99.9% MIN

Thickness of Copper Sheets:
0.05 mm - 0.50 mm

Production Method:
Fusion Welding

Coating of Contact Areas:
Can be silver, tin or nickel plated upon specific thickness request.



PRODUCT SPECIFICATION

Bare Copper Tape

Product application area

Earthing, Lightning protection, General engineering, Electrical conductor, Induction Motors, Switchgears, Generators

Product range

Width : 12.5 mm to 50 mm
 Thickness : 1.5 mm to 8 mm
 Standard coil size : 20 to 50 Mtrs
 Temper : Hard/Half Hard/Soft
 Shape : Full Round/Slightly Round Edge/Square



Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Bare / Tinned Copper Round and Flat Braids

Production application Area

Busbar Connection, Earth Connection, Electrical distribution, Switchgears

Product Range

6 mm² to 400 mm²



Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Copper Profile/Sections

Product area application

Switchgears, Panels, Traction Motors, General Engineering, Busbar, Power distribution, Control Panels

Product Range

Extruded shape as per requirement.



Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

PRODUCT SPECIFICATION

Copper Round & Square/Rectangular Tubes



Product application areas

Defence, Refrigeration, Air conditioning, Plumbing, Medical gas pipelines, Heating application, Engineering application, Electrical Conductors, Busbars etc.

Product Range

Outside Dia (in mm) : 10 (min) - 80 (max)
 Wall thickness (in mm): 1 (min) - 12 (max)
 Length : Up to 8 Mtrs
 Temper : Hard / Half Hard/Soft

Product Specification

ISS	ASTM	BS	Chemical Composition
ETP	B 188 C 11000	2871 C101/C102	Cu 99.9% Min
DHP	C 12200	C 106	Cu 99.9% Min P 0.015-0.040%

Copper Rod



Product application areas

Earthing, General Engineering

Product Range

Size (in Dia) : 6 mm to 70 mm
 Length : 1200 mm to 3000 mm

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Solid Copper earth Plate



Product Application Area

Earthing, General Engineering

Product Range

Size : 600 mm (L) x 600 mm (W)
 Size : 900 mm (L) x 900 mm (W)
 Thickness : 1.5 mm - 3 mm

Product Specification

ISS	ASTM	BS	Chemical Composition
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

PRODUCT SPECIFICATION

Round Stranded Copper Flexible



Product application area

Electrical Distribution, Furnace electrical connection, Transformers, Overhead Transmission, Earthing

Product Range

6 mm² to 1200 mm²
 Overall Dia - 2.6 mm to 55 mm

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Bare & Tinned Copper Wire



Product area application

Cable, Winding wire, Welding, General Engineering, Decoration, Overhead transmission

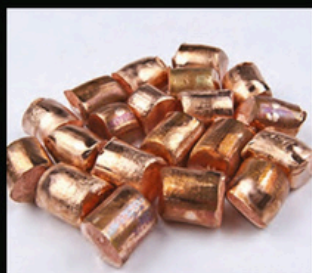
Product Range

Size (Dia) : 0.5 mm to 6 mm
 Temper : Hard Drawn/Soft

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Oxygen Free Copper Anode Nuggets



Product area application

Electroplating

Product Range

In forms of Nuggets & Balls

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010

PRODUCT SPECIFICATION

Oxygen Free Copper Wire Rod



Product Application Area

Raw material for manufacturing Copper semies viz wires/cable/Busbar/strips/profile etc

Product range

Size (in Dia) - 8 mm to 20 mm

Product Specification

ASTM	BS EN	Chemical Composition
B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010

Copper Bars/Flats



Product application areas

Earthing, Lightning protection, General engineering, Electrical application, Busbar

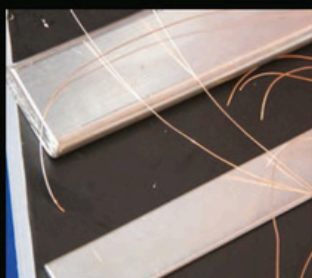
Product range

Width : 20 mm to 250 mm
 Thickness : 3 mm to 30 mm
 Length : 4 Mtrs to 8 Mtrs
 Shape : Full Round/Slightly Round
 Edge/Square/Hard/
 Half-Hard/Annealed

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Tinned Copper Bar



Product application area

Earthing, Lightning protection, General engineering, Electrical conductor, Induction Motors, Switchgears, Generators

Product Range

Width : 20 mm to 150 mm
 Thickness : 3 mm to 12 mm
 Length : 4 Mtrs
 Shape : Full Round/Slightly Round Edge/Square

Product Specification

ISS	ASTM	BS EN	Chemical Composition
	B 187/C 10200	13601/CW008A	Cu 99.95% Min Oxygen 0.0010
ETP 191 PT V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
DHP191 PT VIII	B 187/C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

PRODUCT SPECIFICATION

'C' Crimp Connector



Product application areas

Earthing : in connection of
Stranded Copper Cables

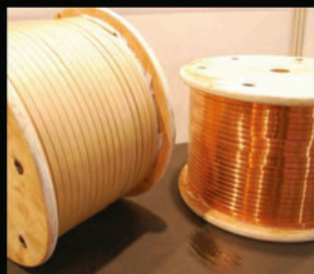
Product Range

'C' Crimp are manufactured for Conductor
ranging from 10 mm² to 240 mm²

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 PT V	B 187 /C 11000	13601/CW004A	Cu 99.9% Min
DHP 191 PT VIII	B187 /C 12200	13601/CW020A	Cu 99.9% Min P 0.015-0.040%

Insulated Copper Wires & Strips



Product Area Application

Transformers, Dry type Transformer,
Stabilizers, Welding Transformers

Product Range

Paper Covered Conductor	: Cross section area 10 mm to 75 mm
Nomex Covered Conductor	: Cross section area 10 mm to 75 mm
Packing	: 50 Kgs to 200 Kgs

Product Specification

ISS	ASTM	BS EN	Chemical Composition
ETP 191 Pt V	B 187/C 11000	13601/CW004A	Cu 99.9% Min
Indian Standard 13730/ IEC 60317 Part 27 : 1996			
IS 11174 : 1984			

PRODUCT SPECIFICATION

FABRICATED BUS BARS

We excel in manufacturing fabricated Copper Bus bars with advanced Technology, state of the art fabrication machinery, highly skilled work force and best quality materials, to assure reliability and accuracy of the products, as per the drawings and specifications of our customers, to enable them easy and convenient installation



Benefits to Customer

- Save time
- Perfect Installation
- Reduce cost of Maintenance
- Reduce internal scrap
- Fast delivery

Fabrication Processes Include

- Cutting
- Bending
- Punching
- Tapping
- MS Clinch nut punching
- Debrising
- Buffing & Polishing
- Tin Plating
- Paper Covering
- Chamfering

PRODUCT SPECIFICATION

COPPER RODS

Copper rods are mainly in 3 forms i.e. round, square, & Hexagon. Minimum copper content in rods is 99.99% as per IS 191 and available sizes are 3mm to 100mm which are mainly used in transformers, railways, telecommunication, winding wire & cables etc are offered by us at very reasonable price with the best quality. The precision engineered and finished copper round rods are available in full hard and half hard.



Technical Parameters

Specification : As per IS, ASTM
Material Grade : OFHC Copper, ETP Copper
Size : 3 mm to 110 mm
Purity : Min 99.99%

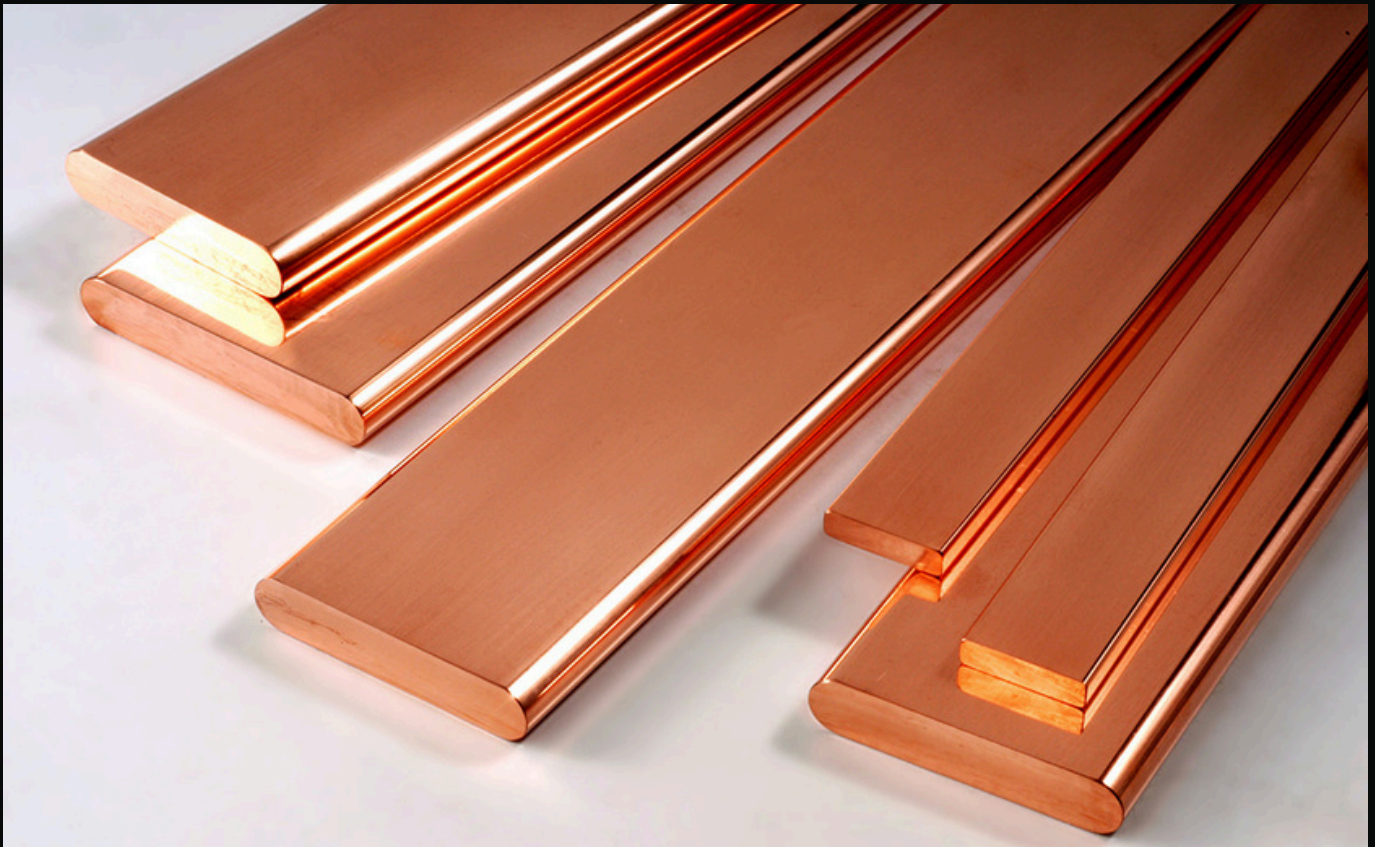
Standards

Copper Rods are produced to meet International Standards such as IS, ASTM, BS, JTSH as required by customers

PRODUCT SPECIFICATION

COPPER BUS BARS

We Excel in Manufacturing Oxygen free Copper Bus bars & Strips for our esteemed Customers. Our Cutting edge technology & manufacturing unit enables us to produce copper Bus bars & Strips that maintain high conductivity copper products. The Copper Bus bars & Strips are provided in diverse shapes and sizes to meet the persistent requirements of the client.



Technical Parameters

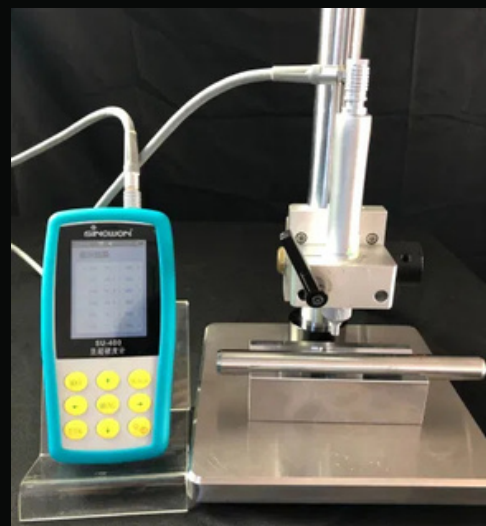
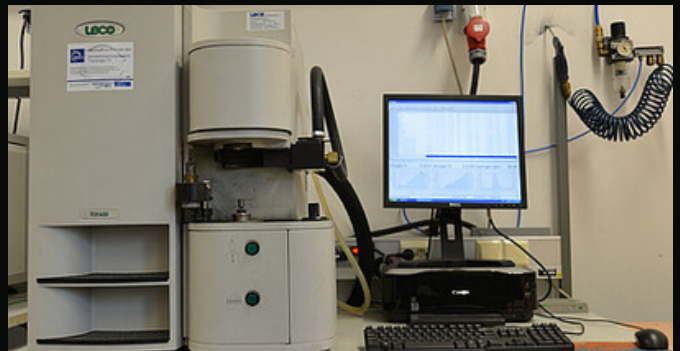
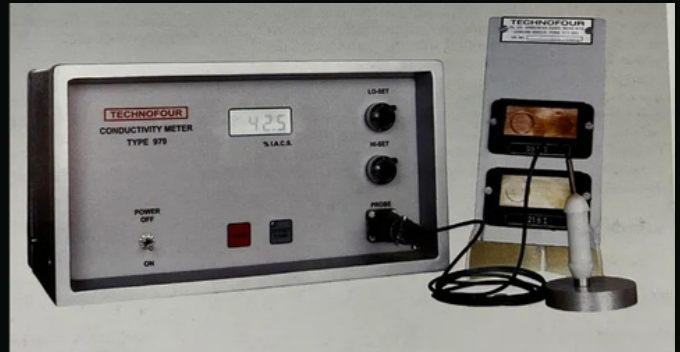
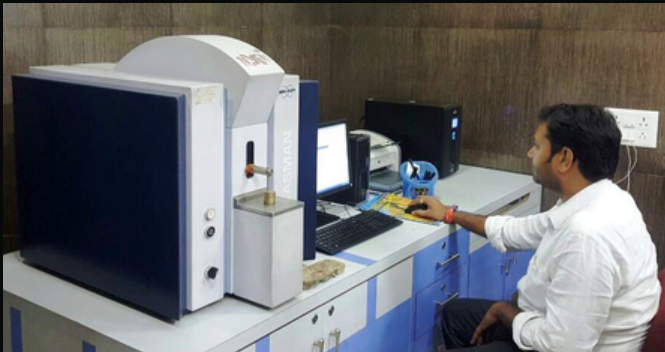
Specification : As per IS, ASTM
Material Grade : OFHC Copper, ETP Copper
Width : 4 mm to 250 mm
Thickness : 1 mm to 40mm
Conductivity : Above 101 % IACS
2 2 Product Section
Area: 10 mm to 5000 mm
Purity : Min 99.99%

Standards

Copper Bus Bars & Strips are produced to meet International Standards such as ASTM, BS, JTSH as required by the customers
Copper Bus Bars & Strips for electricals purpose

TESTING EQUIPMENTS

Optical Emission Spectrometer, Bruker Elemental, Germany, LECO Oxygen Analyzer, Leco Corporation, USA, Digital Ultra Sonic Testing Machine, Modsonic Instruments, Vickers Hardness Tester, Micro Control System, Digital Conductivity Meter, Technaofore, Digital Conductivity Meter, Shivananda, Tensile Testing Machine, Krystal Elongation Tester, Multiplex, Hot Air Oven (digital temp Counter), Scientific Supplies, 12 KV 50mAA.C high voltage tester, Technotrade Metravi Brand, Micro-Ohm Meter, Digital Thermo Hygrometer, Paragon



QUALITY ASSURANCE

Excellence is the hallmark of Copper Link products. Reputed in industry circles for their uncompromising quality standards and trusted reliability. A reputation garnered through an emphasis on stringent and demanding manufacturing standards and total commitment to quality, at every stage throughout our organization.

The assurance of Quality Control, continuous R & D and precise testing procedure through the entire production process, guarantees the final product complies with ISO:9001 certification norms.

Each Copper Link product symbolizes unmatched perfection and matchless performance.





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