

Leaders in Precision Metal Solutions





**Ask us to rise
and we will inquire
“How High?”**



Who Are We?

Professional, value-added services, exceptional product quality and efficient delivery times are the hallmark of Brand Leebo.

Headquartered in Mumbai (India) Leebo Metals Pvt Limited is a leading brand in bare copper and premium quality copper products. Armed with a 4,000 Sq. Meter manufacturing plant in Daman, and a pan-India distribution network, LEEBO has built a rock - solid reputation over the past three generations, transitioning from a family-owned business to a leading supplier of copper and copper alloy products, across the globe.

Today, LEEBO enjoys a strong market position with a fast and efficient response system to individual, customized customer demands from markets across the globe.

Backed by our strong in-house resources and careful acquisition of talent and technology, Leebo's reputation is built on Honesty, Integrity and Ethics.

A large, close-up photograph of several coils of copper wire. The coils are stacked, with the foreground coil being the most prominent. The copper has a warm, reddish-orange hue and a slightly textured surface. The lighting is soft, highlighting the curves of the wire.

Our Product-Folio

Oxygen Free Upcast Rods

| |
|--------------------------------------|
| Dimension Details |
| Ø 12.5 mm, 16 mm, 20 mm, 25 mm |
| Specifications |
| Cu: 99.95%, O ₂ : <10 ppm |
| Coil Weight |
| 1.5 to 3 MT |

ETP Grade Upcast Rods



| |
|----------------------------------------|
| Dimension Details |
| Ø 12.5 mm, 16 mm, 20 mm, 25 mm |
| Specifications |
| Cu: 99.90%, O ₂ : < 400 ppm |
| Coil Weight |
| 1.5 to 3 MT |

UPCAST COPPER RODS

OVERVIEW

Oxygen Free High Conductivity (OFHC) is produced by the direct conversion of refined high quality LME Grade A copper cathode (Purity 99.99%), by melting & casting under strictly controlled conditions with deoxidization method in order to prevent air exposure during processing.

OFHC ensures extra high grade of Copper Rod by reducing oxygen content to less than 10 PPM (ASTM Standard). OFHC has higher electrical & thermal conductivity, higher recrystallization temperature and higher workability than normal ETP copper rod.

The application of OFHC is widely spread in electrical & electronic equipment which requires high efficiency and accurate and durable material. Leebo Metals Pvt Limited has been manufacturing OFHC rods by UPCAST process and supplying high quality Copper Rods and Products; manufactured for ultra-high voltage, switchgear and transformer industries.

Analysis of OFC Rod

| Chemical Properties | | | | | | | | | | | | |
|---------------------|----------|-------|----|----|----|-----|-----|----|-----|----|-----|----|
| Element | *Cu (96) | Se | Te | As | Sb | Fe | S | Pb | Ni | Bi | Ag | Sn |
| | Min. | (PPM) | | | | | | | | | | |
| Max Std Value | *99.95 | <2 | <2 | <5 | <4 | <10 | <15 | <5 | <10 | <1 | <25 | <5 |
| Leebo OFC | 99.95 | <1 | <2 | <1 | <1 | <10 | <10 | <1 | <1 | <1 | <10 | <1 |

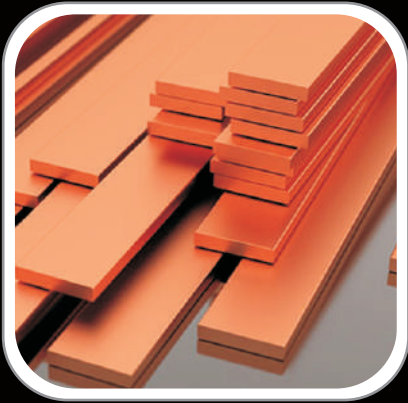
*Copper By Difference (Min).

| Physical Properties: ASTM B49-2010 UNS C10200 | | | | | | | |
|-----------------------------------------------|------------------------|----------------|-----------------------|--------------------------------------|-------------|----------|----------|
| Parameter | Avg.dia (mm) | Elongation (%) | Conductivity (% IACS) | Tensile strength Kgf/mm ² | Weight (MT) | S.O (A*) | O2 (ppm) |
| Std Value | 12.5/16/20/25 + - 0.38 | >=30 | >=100 | >17 | | <750* | <10 |
| Typical Analysis | 12.5/16/20/25 + - 0.20 | >=30 | >=100 | >17 | 2.5 to 3 | <100* | <10 |

*ANGSTROM

Advantages

- Zero copper dust
- Excellent electrical & thermal conductivity, Conductivity > 100 % IACS
- Good workability
- Excellent long term resistance to hydrogen embrittlement under high hydrogen atmospheres
- Indispensable material in the electrical and electronic industries
- High heat resistance and impact strength
- High Corrosion Resistant
- Perfect input material for Konform Extrusion



OFC & ETP Grade Cu Bus Bars & Strips

| Dimension Details | Width | Thickness |
|-----------------------------------------|--------------------------------------------------------------|--------------|
| | 10 mm - 50 mm | 1 mm - 25 mm |
| | 10 mm - 100 mm | 2 mm - 25 mm |
| | 10 mm - 150 mm | 3 mm - 25 mm |
| | 10 mm - 200 mm | 5 mm - 12 mm |
| Standards | IS: 191, 613 & 1897, BS EN 13601:2013 | |
| Electrical Conductivity (% IACS) | Above 100% in soft , Above 98.5% min in Half Hard / Hard | |
| Specifications (OFC) | Copper : 99.95%, O ₂ :<10 ppm | |
| Specifications (ETP) | Copper : 99.90%, O ₂ :<400 ppm | |
| Supply Condition | Straight length & coils | |
| Electro Plating | Tin / Silver / Nickel, Plating Range - 6 micron to 20 micron | |
| Packaging | Cut to 1 to 4.5 meters length, Packed in Pallet / Wooden Box | |



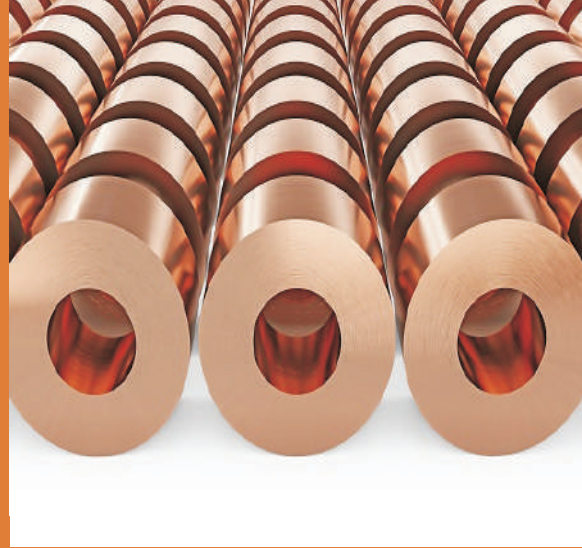
ETP grade Copper Round / Hex / Square

| ITEM | Dimension Details |
|-----------------------------------------|-------------------------------------------|
| Round | Ø 7 mm - 120 mm |
| Hex | 10 x 10 mm - 60 x 60 mm |
| Square | Ø 8 mm - 50 mm |
| Standards | IS: 191, 613 & 1897, BS EN 13601 : 2013 |
| Electrical Conductivity (% IACS) | 98.5% min |
| Specification | Copper : 99.90%, O ₂ :<400 ppm |



Copper Sheets & Plates

| Dimension Details | |
|-------------------|-------------------|
| Width x Length | Thickness |
| 14" x 48" | 0.3 mm to 3 mm |
| 600 x 600 mm | 3 mm to 6 mm |
| Specifications | IS 1897 / IS 3052 |



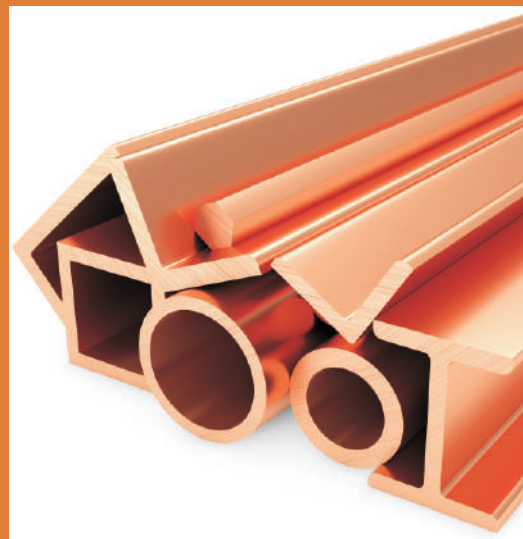
Copper Foils

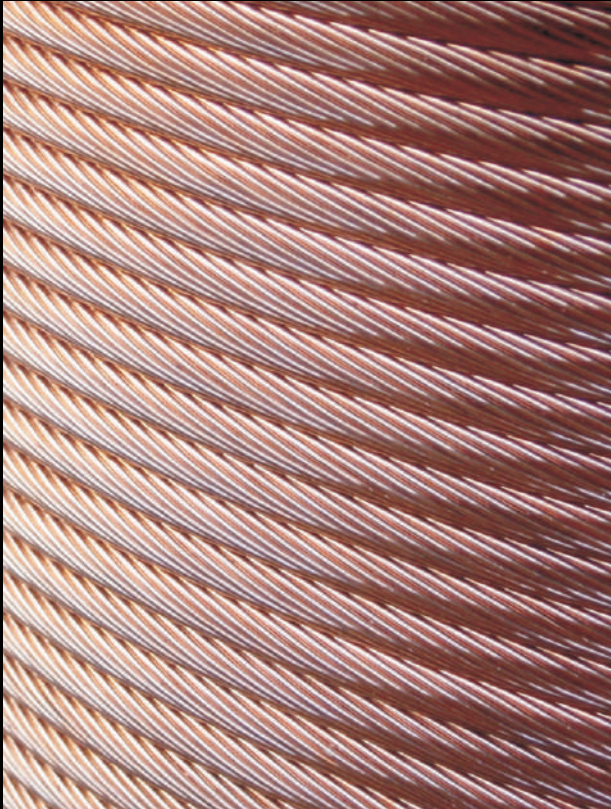
| Dimension Details | |
|-------------------|--------------------|
| Width | Thickness |
| 10 mm - 200 mm | 0.1 mm - 3.0 mm |
| Specifications | IS 1897 / IS 14811 |

Copper Profiles

Existing wide range and capacity to develop profiles as per Customer's requirement

Copper Profiles & Sections are manufactured using high-grade material and are used in diverse applications. Moreover, these are offered in various standard specifications and can also be customized to suit the varied demands of customers.





Copper Conductors

| Dimension Details |
|-----------------------------------|
| Dia. 20 sq. mm to Dia. 300 Sq. mm |



Paper Insulated Copper Conductors

| Dimension Details | | | |
|-------------------|------------------|--------------|-------------------------|
| Width | | Thickness | |
| 25 mm | | 1 mm - 6 mm | |
| Supply Condition | | Wooden Reels | |
| Weight | 20 kgs - 100 Kgs | Paper Type | Craft Paper, Nomex etc. |



Tin Plated /Silver Plated/ Nickel Plated Copper Bus Bar and Rounds

Leebo is diversified and believes in manufacturing variety in quality plated products. The range of plating is from 6 micron to 20 micron.

Quality is Our Middle Name

Leebo understands and recognizes the importance of maintaining quality of the products consistently.

We take strict measures to control quality standards as per the industry practice, maintaining an extremely high degree of precision during each manufacturing process.

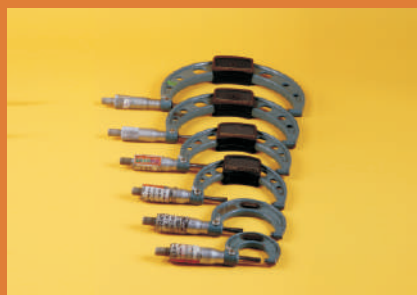
We ensure that both quality and finish of the material is of exceptionally high standards. We use the best raw materials like grade A LME approved cathodes which are tested & certified.

The process of testing starts from the time the raw material reaches the floor of the company. The raw materials undergo rigorous quality checks before the material is sent for process.

During the different stages of the process on floor, thorough tests and checks performed to ensure excellent end product.

Our laboratory is equipped with all testing equipment which includes Spectrometer (GNR make).

We believe in focusing on the new upcoming precision process and the concerned machines, which would increase the production capacity and decrease the lead time. We are enhancing our focus in the making of various products and different sizes to cater to the needs of the typical / specialized segments. Leebo products are well known in the market for their functional strength and exceptional Quality. We deliver exactly to our customer requirements and exceed their expectations in terms of Quality. We have developed the proficiency to make difficult things easier and have raised the bar in everything that we do.



"Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction & skillful execution; it represents the wise choice of many alternatives."

-William A. Foster



Committed to Quality Products



Leebo products have a virtually endless spectrum of possible technical applications. It's a brand our customers look for and trust.

At Leebo we are committed to providing consistent quality to achieve your long-term business objectives. Leebo continuously monitors its production processes and business procedures, always striving for improvement. Our stringent Quality Management System spans all aspects of our business activities including organizational, technical and environmental. Our plant is certified by TUV Rheinland as per the widely accepted ISO 9001 : 2015 standard.

Committed to Customised Solutions

Leebo specializes in a unique product, technology and service portfolio that straddles almost every domain of copper and premium quality copper products.

We work closely with business partners to advance our laboratory facilities in order to match the highest industry standards and provide full-scale physical and chemical testing to our business associates. So whether you are a telecommunication player or an entity from the power sector, Leebo has metal products to match all your operational needs.

We envision in making our products suitable for various end applications, world-over. Technical expertise is readily available in our Technical Services Department. With a battery of innovative products already in our portfolio, Leebo's R&D and Process Technology Teams work in tandem to develop high potential products that are synonymous with quality, reliability, technological capabilities and marketability resulting in enhancing our share in the domestic and overseas markets.





Committed to **Exceptional Service**

Our customers count on us to deliver consistent, superior service and support worldwide. We engineer/produce high-quality, world-class copper products and specialize in exporting them across borders efficiently and cost-effectively.

Although global in reach, Leebo gives you a domestic feel. Our sales specialists are familiar with the trends, standards, demands and needs of the local markets, we deal in. We maintain strong business relationships with local business partners (manufacturers, contractors, integrators, etc.) that are essential to the overall delivery of value to our customers. Our network platform is maintained standard across the globe, and can rapidly scale up to customers' metal requirements anywhere in the world.

Committed to the Environment

Although copper as a natural material is environmentally friendly and 100% recyclable, our manufacturing processes are continually refined to contain our carbon footprint and reduce energy dependence.

Leebo's packaging is designed to minimize the creation of consequential waste, and wherever possible is recyclable, even while meeting the needs and expectations of our domestic and overseas customers.



An overhead view of three business professionals in a modern office setting. A woman in a grey blazer and dark skirt sits on a white sofa, pointing at a tablet displaying a bar chart. A man in a light blue shirt and dark tie sits on the floor next to her, also looking at the tablet. Another man in a dark suit sits on the floor opposite them, looking at his hands. A glass coffee table in front of them holds a blue folder, a white cup of coffee, and some papers. The floor is made of large, light-colored tiles.

Committed to Internal Customers



Dynamic and diversified, Leebo's global corporate culture ensures that our employees are well-tuned to the market trends, customer demands and always think and act in an 'intrapreneurial' manner to further the goals of our customers and our company.

We treat our highly-skilled staff as our biggest resource, and share with them all the growth plans of the company in an open, transparent manner, treating them as our brand ambassadors and agents of change.

Committed to External Customers' Satisfaction

At Leebo metals, we make it easy for our customers to do business with us.

We know our customers are looking for more than just a supplier of metals and pieces. They expect us to address their long-term, larger business needs in terms of product knowledge, technical support, supply chain efficiencies and cost saving.

Our customers receive more than a mere metal product's worth from Leebo.

They receive unparalleled value that delivers to their bottom line.



You Can Count on Us

You can count on Leebo's products, technical expertise, global distribution network and Supply Chain Solutions to get you the products you need, when, where and how you need them.

We take great pride in the ability of our people to serve your needs and we look forward to doing so in the near future.



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