



PRODUCT PORTFOLIO



हस्तशिल्प निर्यात संवर्धन परिषद
Export Promotion Council for Handicrafts



Bureau of
International
Recycling

RCI COPPER

- Copper Wires
- Bunch Wires
- Tin Solder Bars/
Wires/Strips

RIKAYAA

- Cables
- LED Lights
- Home Appliances

RCI STRIPS

- Copper ETP/DHP and TBC
- Copper Alloys such as Brass, Phosphorus
Bronze, Nickel Brass, and Nickel Silver
- Stainless Steel Foils
- Aluminium Foils

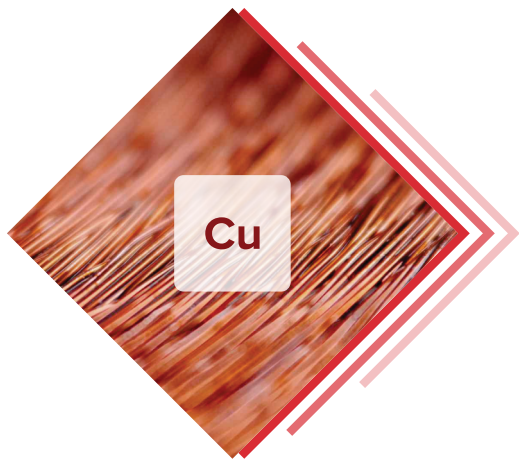


B-97, All Heavens Building, Wazirpur
Industrial Area, Delhi-110052 (INDIA)

Plot No. 84-85, HPSIDC Baddi Industrial Area,
Solon, Himachal Pradesh-173205 (INDIA)

Khasra No. 377/175 & 378/175, Village Rakh Ram Singh,
Nalagarh, Solon, Himachal Pradesh-174101 (INDIA)

www.rciind.com

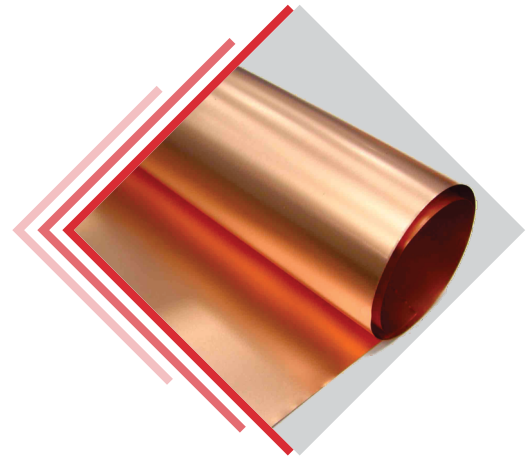


COPPER

Copper has been widely used for industrial as well as consumer applications. This metal is malleable and ductile in nature, with a very high thermal and electrical conductivity. We are actively engaged in producing Copper Strip, Copper Foils, Copper Sheets and Copper Wires for a variety of applications.

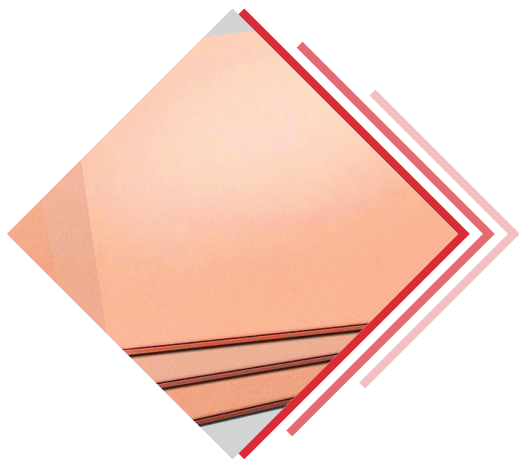
▶ Copper Foil

In this range, we offer Electrolytic Tough Pitch (ETP), Deoxidised High Residual Phosphorus (DHP), and Tin Bearing Copper (TBC). Widely being used for electrical conductivity and in Radiator Fins, Copper Foils also remain high in demand to be used as cable wrap, batteries, motors, solar/alternative energy, circuit boards, and transformers. Being a versatile product, it is used for different roofing, structural engineering, EMI/RFI shielding, circuit boards, and heat exchanging.



▶ Copper Sheet

These sheets are manufactured with high-grade Copper as its raw material. Widely being used in the manufacture of coins, architecture, automobiles, structural engineering, and medical equipment, these sheets are trusted to be versatile in usage and reliable in application. We offer copper sheets in a variety of gauges, thicknesses and tempers - including annealed, full hard and rolled.



▶ Copper Wire

The wires are manufactured using ASTM standard continuous cast copper rod, procured from the world's best known producers. These are available in a wide range, right from 0.15mm to 4mm in temper as annealed or as drawn, single wire to multi wire, bunched for ready to manufacture branded cables.





BRASS

Brass is an alloy of copper and zinc, which is widely appreciated for its exceptional corrosion resistance and substantial electro and thermo conductive properties. Owing to the durability of this alloy, it is extensively used in electronic applications. Brass is available in a variety of attractive colours, due to which it finds its usage in many decorative applications.

We offer a complete range of Brass Alloys, including Ultra Thin Foil, Cartridge Brass, Gilding Material to cater to the variegated demands of different sectors and industries.

► Brass

We make available the best grade Brass that is ideally used for the manufacture of radiator tube and tank, lock and key, and electrical contact applications.



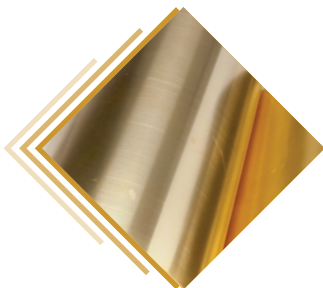
► Cartridge Brass

This is a type of 70/30 Brass that is widely being used for defence applications.



► Ultra Thin Foil

We produce ultra thin foil of 63/37 Brass, which is up to 0.04 mm in +/- 2 micron [± 0.002 mm]. It is widely being used in automobile industry, handicraft sector, etc.



► Gilding Material

Available in 90/10 Brass and 95/05 Brass, this material is put to use in mechanical gaskets and detonators.



► Coinage Application

Nickel Brass, Cupro Nickel, Nickel Silver and Aluminium Bronze, manufactured by us, are highly demanded in coinage applications. Cupro Nickel is widely being used in chemical industry and several others, while Nickel Silver meets the exact requirements of the market.





BRONZE

Bronze is a yellowish-brown alloy of Copper, constituting up to one-third Tin. Being available in a variety of alloys, Bronze is typically very ductile, but less brittle than cast iron. We offer Aluminium Bronze, and Phosphor Bronze Strip and Coil with 0.5–11% of Tin and 0.02–0.06% Phosphorus. Tin helps to enhance the corrosion resistance and strength of the alloy, while phosphorus increases its wear resistance and stiffness.

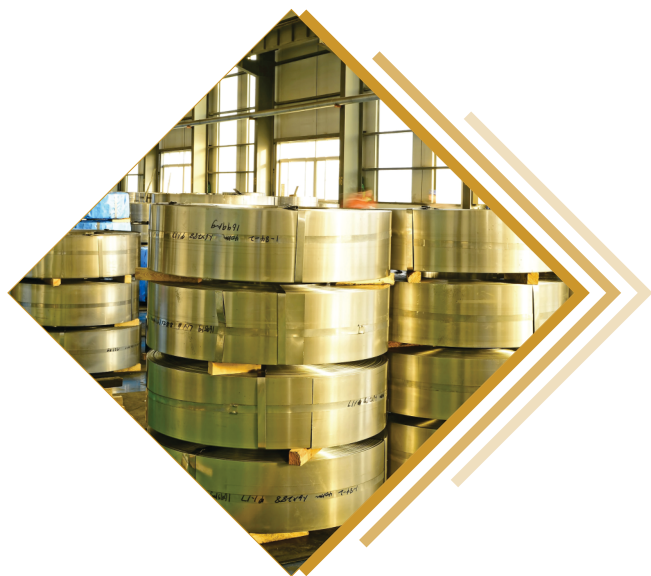
► Phosphor Bronze Strip and Coil

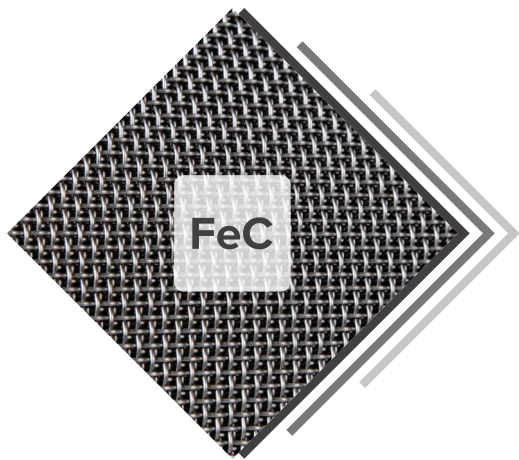
With our state-of-the-art facilities, we make sure to offer high-quality Phosphor Bronze Strips and Coils that are made using Phosphor Bronze material of Grade-I, Grade-II and Grade-III. These products are widely used in electrical contactors with spring actions.



► Aluminium Bronze

We are also instrumental in offering high-grade Aluminium Bronze, which is one of the types of Bronze where in Aluminium is the main alloying metal added to Copper. It is found to be immensely useful in industrial applications, but it is most commonly used for the purpose of coin manufacturing.



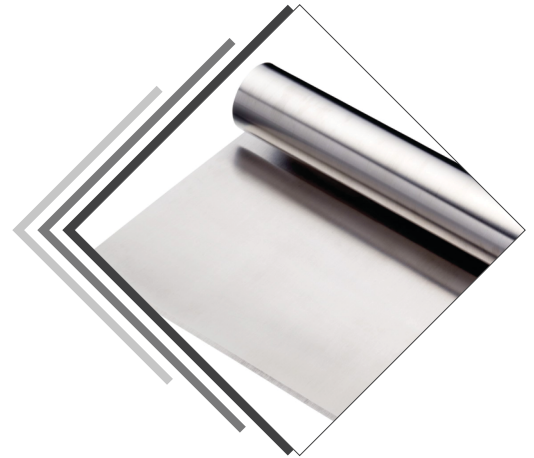


STAINLESS STEEL

It is an alloy of Steel, with at least 10.5% Chromium content by mass. Notable for its low maintenance, familiar lustre, and resistance against corrosion and staining, it is ideally used for the applications where strength is of utmost importance. In our range, we provide Stainless Steel Foil Sheets, Stainless Steel Foil & Tape and Stainless Steel Tool Wrap.

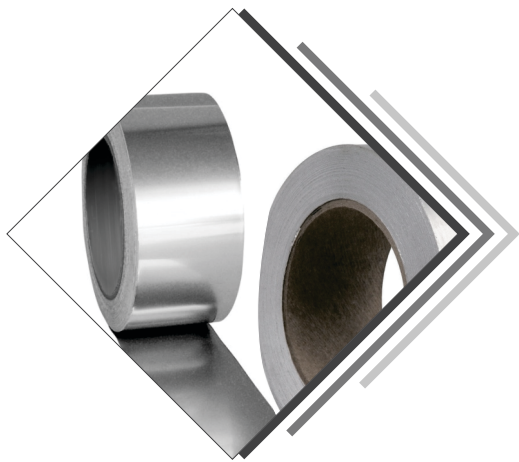
▶ Stainless Steel Foil & Sheet

Available in a variety of gauges, our offered range of foil sheets is professionally packaged and certified. Stainless Steel Foil Sheet is considered as an ideal material for varied applications because of its low maintenance, beautiful lustre and excellent resistance against corrosion and staining. We offer Stainless Steel Sheets in a wide range of alloys-series 300, 400 and 200 and thicknesses from 0.05mm to 0.030mm.



▶ Stainless Steel Foil & Tape

Stainless Steel Foils and Tapes are non-corrosive, non-magnetic and heavy duty in nature that make them perfect to be used in various industries and sectors for harsh environments as well as intense applications. These are also widely used in automotive, medical, architecture, heat treatment, and solar and alternative energy.



▶ Stainless Steel Tool & Wrap

In this particular range, we offer three different alloy types-Type 304, Type 309 and Type 321. Each of these has specific maximum temperature, 1800°F, 2240°F, and 2000°F. Resistant to Chromium Carbide precipitation, the Stainless Steel Tool Wrap is ideally used for surface protection, regardless of product type. It is also used to provide protection to tools, dies, and parts during heat treatment by preventing scaling, decarburisation, and oxide buildup.



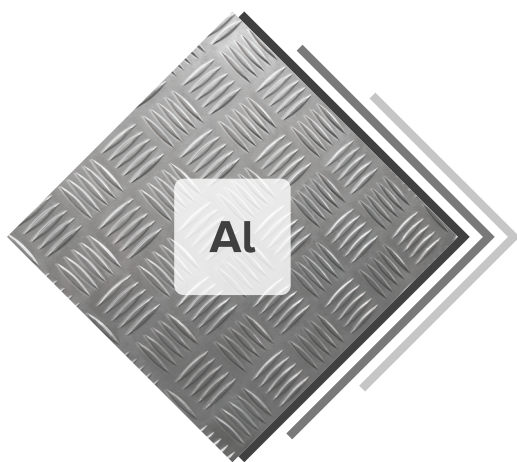
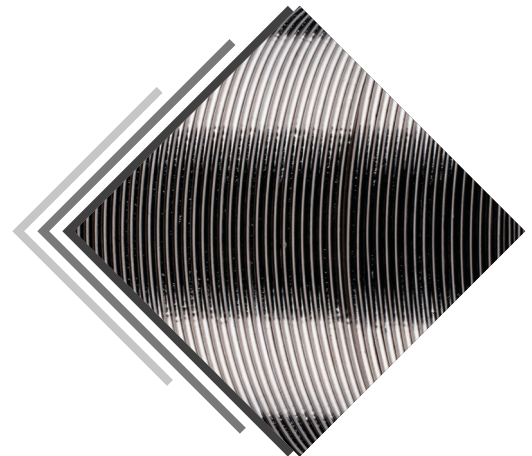


SOLDER

Solder is a fusible metal alloy, which is used to create a permanent bond between different pieces of metal. In order to create a bond, the Solder needs to be firstly melted and then used to connect the pieces together. It is supposed to be resistant to oxidation and corrosion that helps to keep the joint intact over time. We have Tin Solder to offer to our clients.

► Tin Solder

We are instrumental in providing Tin Solder Bars, Strips and Wires, with and without flux, in the market. Available in lead free and with up to 50% lead, Tin Solder is widely utilised in electrical industry for soldering or joining components.



ALUMINIUM

Aluminium is a chemical element, which is silvery-white, soft, non-magnetic and ductile in nature. It is the third most abundant element, and the most abundant metal in the earth's crust. Aluminium is widely appreciated for its low density and corrosion resistance. We, at RCI Industries and Technologies Ltd., are involved in producing Aluminium Foil for a wide range of uses.

► Aluminium Foil

In our range of Aluminium Foil, we cover a wide variety of alloys, tempers and gauges. Our state-of-the-art converting equipment not only meet, but exceed the specific requirements of the clients, be it slitting, sheeting or cleaning. With the benefit of incomparable ductility and malleability, Aluminium Foil products can easily be machined or cast as per the requirement. It is also known for its extreme pliability and stability against normal atmospheric corrosion. Offered in 10mm to 1250mm width, 7microns to 2mm thickness, rolled, two sides bright, and mill finish, our leading quality Aluminium Foil has wide applicability in home food wrapping, use and throw containers, pharmaceutical packing film, bottle caps and several other industrial applications.

