



United Copper Industries



Manufacturer of

Copper and Copper Alloy Tubes,
Pipes, Fittings, Medical Gas Pipes,
Fin Tubes and Sections

ABOUT US


UNITED COPPER INDUSTRIES was established in the year 1992, as a manufacturer & exporter of copper & Brass tubes, pipes, coils, sections and rods. Our aim is to set a benchmark at par excellence, delivery and standards that exceed client's expectation, with complete integrity, transparency and fairness in every aspects of our business.

Our products are high in demand due to their premium quality, seamless finish, different patterns, and affordable prices.

United Copper Industries has continuous respond to this challenge by adding the latest available equipment and skilled technicians in our lab. United Copper Industries strives to achieve a reputation among users and industries with updated training. We comply with the requirements of ISO 9001: 2015 International standards.

UNITED COPPER INDUSTRIES

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BRASS ROUND TUBE

Brass Pipes are resistant to cryogenic temperature and can perform well in high temperatures. Brass alloys can be applied in an array of applications like heat exchangers, electrical systems, automobiles, condensers, etc. Brass, a fusion of copper, zinc, ferrous, and lead, is lighter and more durable than other alloys.

Specifications - ASTM B135, B43, B587 / ASME B135, B43, SB587, BS 2871 Part 2 CZ110

Outer Diameter (OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

Length: 1m, 2m, 3m, 4m, 6m, and as per the requirement

Type: Seamless

Form: Round, Square, Rectangular, Hydraulic, etc.

Applications: Sugar Industry, Plumbing, Furniture, Hand Pumps, Ammunition, General Engineering.

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ADMIRALTY BRASS TUBE

Admiralty brass, which constitutes of 30% zinc and 1% tin & inhibits dezincification in most environments.

The most common and wrought form is tube for heat exchange equipment. These tubes are extensively used in various applications including ship-building, water heaters, evaporators, heaters, turbine oil coolers for petrochemical, desalinations plants, condensate coolers, vent condensers, generator, air coolers, power plants etc.

Specifications: ASTM B111 / ASME B111, BS 2871 Part 2 CZ110

Outer Diameter(OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

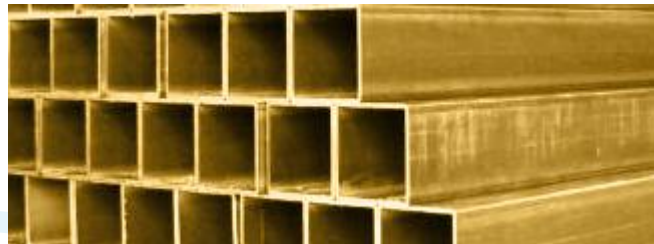
Length: 1m, 2m, 3m, 4m, 6m and as per requirement

Type: Seamless

Form: Round, Square, Rectangular, Hydraulic Etc

Applications: ship-building, water heaters, evaporators, heaters, turbine oil coolers for petrochemical, desalination plants, condensate coolers, vent condensers, generators, air coolers, power plants, etc

3

BRASS SQUARE TUBE

Brass can be made into soft and hard brasses by varying the quantities of zinc and copper in it. Based on the composition of administration, it has a shallow melting point. As such, brass is an excellent material to cast. So, Brass Alloy square Tubes are very applied for industry purposes.

Specifications: ASTM B43, B135, B587 / ASME SB43, SB135, SB587/ BS 2871 PART 3, EN 12451, NF A51102, JIS H 3300, AS, 1572

Outer Diameter (OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

Length: 1m, 2m, 3m, 4m, 6m, and as per the requirement

Type: Seamless

Applications: Heat Exchangers, Refineries, Power plants, Desalination plants, Ship building & Ship repair, Condensers, Ferrules, Distillers.

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BRASS RECTANGULAR TUBE

Brass Rectangular Tubes are highly demanded in the market for their accurate dimensions and durability. Our offered Brass Rectangular Tubes include various features such as cost efficiency, timely execution, high performance etc.

Specifications: ASTM B43, B135, B587 / ASME SB43, SB135, SB587/ BS 2871 PART 3, EN 12451, NF A 51102, JIS H 3300,AS, 1572

Outer Diameter(OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

Length: 1m, 2m, 3m, 4m, 6m, and as per the requirement

Type: Seamless

Applications: Utilities Water, Chemical Handling, Food Products, Gas Handling, Drinking Water, General Engineering.

5 ALUMINUM BRASS TUBE



Aluminum Brass Tubes do not renew when they use in heavy or polluted water. It contains high oxidation resistance and is used for high-velocity brackish water. The tubes are suitable for power plants, heat exchangers, desalination plants, refineries, ferrules, shipbuilding, distillers, etc.

Specifications: ASTM B111 / ASME B111

Outer Diameter(OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

Length: 1m, 2m, 3m, 4m, 6m and as per requirement of clients

Type: Seamless / Heat Exchangers / Condenser Tubes

Form: Round, Square, Rectangular, Hydraulic Etc

Applications: Heat Exchangers, Refineries, Power plants, Desalination plants, Ship building & Ship repair, Condensers, Ferrules, Distillers.

6 COPPER TUBES

Each millimetre of tubes is 100% Eddy-Current tested and any surface defects found will be clearly marked by black colour. For heavy coils, we wound LWC copper tubes in "Eye to Sky" (Jumbo) form as per customer request. The tube is cleaned with Nitrogen purging.

Standard: ASTM B68 / ASTM B75 / ASTM B280 / ASTM B88 / JIS H 3300 / EN1057 or BS2871: PART 2:1972 / DIN 1754/8905/ IS2501

Specification: ASTM B280, JIS H3300, AS/NZS1571.JIS3300-2006

Material: TU2, C1020T, C10200, T2, C1100, TP1, C1201T, C1200, TP2, C1220T, C12200, C14200, C19400, etc

Outer Diameter(OD): 4mm-150mm

Wall Thickness: 0.25mm-8mm

Length: 1 meter-6 meters or as required

Types: Seamless Pipes, Tube / Inner Grooved Pipes / Square Pipes, Tube / Rectangular Pipes, Tube / Finned Pipes, Tube

Application: Pancake Coil for ACR, General Engineering Applications, LWC Coil for ACR, General Engineering Applications, Straight Copper Tubes for ACR and Refrigeration, Inner-grooved copper tube for ACR and Refrigeration, Copper Pipe for Transportation System of water, gas and oil, Semi-finished Copper tube for industrial applications.

7 BRASS RODS



We manufacturer brass rods from a mixture of high-quality alloy, which contains iron, lead, zinc, copper elements. The combination goes for developing a rigid structure of products. Professionals supervise the production; we take all the quality and the standard tests of products to deliver the exact product our client demands.

Specifications: ASTM B135, B43, B587 / ASME B135, B43, SB587, BS 2871 Part 2 CZ110

Outer Diameter(OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

Length: 1m, 2m, 3m, 4m, 6m and as per requirement

Type: Seamless / Heat Exchanges / Condenser Tubes

Form: Round, Square, Rectangular, Hydraulic Etc

Applications: gas processing, offshore drilling companies, chemical equipment, heat exchanges, petrochemicals, pulp and paper industry, pharmaceutical equipment, power generation, seawater equipment.

8 COPPER PANCAKE COILS



Good Electricity and Heat Conduction, Good Elongation, Extruded and Processed Well, High Quality Copper Pancake Coil. Copper pancake coils provide superior reliability and improved durability for effective long-life functioning.

Outside Diameter (OD): It ranges from 4.0mm to 25.4mm

Thickness: 0.40mm onwards

Remarks: Phosphorus Deoxidized Copper Oxygen Free Copper

Applications: air conditioners, brake tubing, construction works of engineering, industrial, commercial and residential installations.

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COPPER FITTINGS



We offer a wide variety of copper alloy fittings that are put to different use in domestic and commercial applications ranging from air conditioning, refrigeration, heating, fluid distribution, air pressure lines and plumbing etc. Our fittings boast of smooth surface and impeccable finish.

Material: C1220/TP2

Types: Coupling, 90°Elbow, 45°Elbow, 90°Elbow, 180°Return bend, Reduce coupling, TEE, Reduce TEE, etc.

Dimension: 15/22/28/35/42/54/67mm or custom.

Standard: ANSI, EN, BS, DIN

Applications: residential and commercial systems such as potable water and fire sprinkler applications.

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COPPER STRIPS



Copper strips are the ideal solution for use in different industrial applications and that is the reason it is made available in multiple wall thickness and diameters. These strips are having advantageous aspects and the important one is high corrosion resistance, accurate dimensions, smooth surface finishes, and high tensile strength. All these features help in matching up with the prerequisites of different applications and is thus used for various purposes.

Width: 10mm to 50mm

Thickness: 0.3mm to 8mm

Temper: Half Hard / Soft Annealed

Purity: 99.90% / 99%

Grade: C10100, C10200, C10300, C10400, C10500, C10700, C11000, C11300, C12000, C12200, C14300, C14420, C14530, C19210, C19400 etc.

Finish: Bright Mirror Finish

Application: Electrical and Copper Earthing, Transformers

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COPPER NICKEL FIN TUBE



We are also producing these Finned Tube as per the requirements of our esteem clients. We use different test techniques, tools and the latest machinery to check the quality standard.

Specifications: ASTM B43, B135, B587 / ASME SB43, SB135, SB587/ BS 2871 PART 3, EN 12451, NF A51102, JIS H 3300, AS, 1572

Outer Diameter (OD): 4mm to 150mm

Wall Thickness: 0.25mm to 8mm

Length: 1m, 2m, 3m, 4m, 6m, and as per the requirement

Type: Seamless, L type, Extruded type and spiral type

Applications: Heat Exchangers, Refineries, Power plants, Desalination plants, Ship building & Ship repair, Condensers, Ferrules, Distillers.

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LWC COPPER TUBES



For heavy coils, we wound LWC copper tubes in "Eye to Sky" (Jumbo) form as per customer request. The tube is cleaned with Nitrogen purging. Moreover to protect the tubes against dust & internal oxidation during transportation or long storing, the tube ends are sealed with plastic caps.

Grade : C11000, C12200, C10200

Outside Diameter: 4mm - 25.4mm

Thickness: 0.28mm - 2.0mm

Coil weight: 80kg - 100kg - 150kg - 200kg - 250kg - 300kg - 500kg

Temper: soft, half hard soft, half hard, hard

Standard: ASTM B-280, EN-12735, JISH-3300

Material: Phosphorus DE-oxidized Copper and Oxygen Free Copper

Applications: Air Conditioning & Refrigeration, Heat Exchanger.

13 COPPER NICKEL PIPE



90/10 Cupro Nickel is widely used in sea water. It has very good corrosion resistance to clean moderately polluted marine or estuary water, even containing dissolved incondensable gases.

This alloy is virtually immune from stress-corrosion cracking and hot spot denickelification.

Outside Diameter (OD): 6.35mm to 110mm

THICKNESS: 0.35 to 8mm

LENGTH: as per requirement.(Single-double random)

FORM: Round, square, rectangular, coil, 'u' shape, pan cake, hydraulic

END: Plain end, beveled end, threaded

MATERIAL: Copper nickel - Cu-Ni Seamless Tube, C 70600 (CU -NI- 90/10), C 71500 (CU -NI- 70/30)

Applications: offshore oil drilling companies, power generation and gas processing, seawater equipment, and pulp and paper industries, petrochemicals, as well as specialty chemicals manufacturer, pharmaceuticals and pharmaceutical equipment manufacturers, and several domestic sectors.

15 COPPER RODS

We maintain the quality of raw materials to fabricate each product which needs very less maintenance and works for a very long period. We are manufacturing the premium quality of Copper rods, which offers excellent resistance capacity, corrosion, and reliable as a comparison with others.

Standard: ASTM B68 / ASTM B75 / ASTM B280 / ASTM B88 / JIS H 3300 / EN1057 or BS2871: PART 2:1972 / DIN 1754/8905/ IS2501

Specification: ASTM B280, JIS H3300, AS/NZS1571.JIS3300-2006

Material: TU2, C1020T, C10200, T2, C1100, TP1, C1201T, C1200, TP2, C1220T, C12200, C14200, C19400, etc

Outer Diameter(OD): 4mm-150mm

Wall Thickness: 0.25mm-8mm

Length: 1 meter-6 meters or as required

Cut Length: Single Random, Double Random & Cut Length

Types: Round, Rectangular, Hexagonal.

Applications: Pancake Coil for ACR, General Engineering Applications, LWC Coil for ACR, General Engineering Applications, Straight Copper Pipe for ACR and Refrigeration, Inner-grooved copper Pipe for ACR and Refrigeration, Copper Pipe for Transportation Systems of water, gas, and oil, Semi-finished Copper Pipe for industrial applications.

14 COPPER FLATS



Copper Strip find many applications as Electrical Conductors, Switch Terminals, Hardware used in Electrical Circuits, Electrical Contacts. These copper strip products are available in Hard, Half-hard and Soft condition.

Material with minimum copper content of 99.9% As per C1201P

Size Width: 3 mm to 160 mm.

Thickness: 0.3 mm to 160 mm.

Material with minimum copper content of 99.9% as per IS 191 & IS 1897 copper silver/copper nickel

Size Width: 5 mm to 350 mm.

Thickness: 1mm to 60 mm.

Edge: Square Edge, Radius Edge, Full Radius Edge.

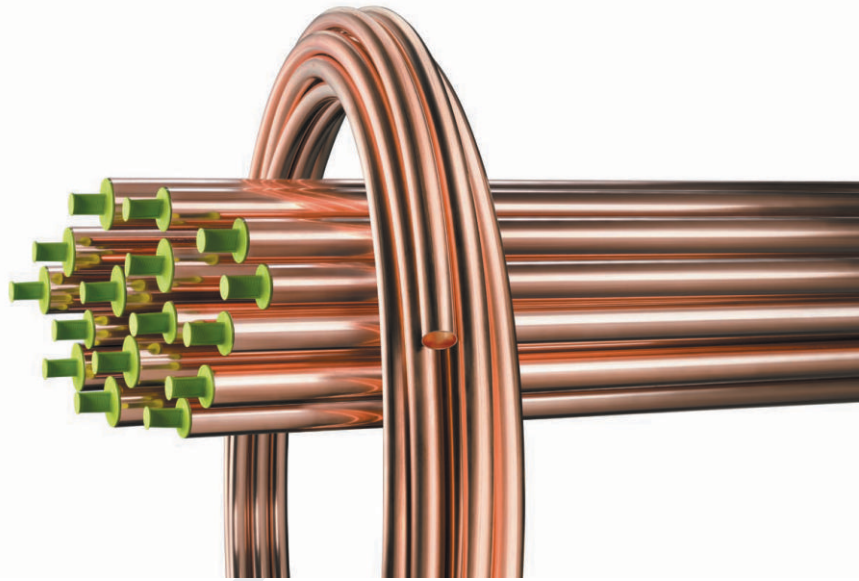
Length: Up to 6400mm (21') (depending on the section) with standard overall cutting tolerance of 100mm.

Applications: Electrical Conductors, Switch Terminals.



16 COPPER MEDICAL GAS PIPE

We are dealing in the finest quality of copper tubes, which are used in the installation of medical gas pipeline systems. As we all know the medical gas pipeline system is the most crucial system of a hospital, keeping this in consideration, it should be well planned and designed following the proper international standards. Our piping products are one of the finest quality in the nation including the latest technology, we can assure a lifetime hassle free copper piping solutions to our users. Moreover we also ensure better pricing and at the same time zero room for error.



Size - 12mm to 108mm

Thickness: 0.6mm to 3mm

Application: Medical gas pipe for hospitals

Standard: EN 13348 / EN 1057

United Copper Industries

CERTIFICATES

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Certificate of Compliance

Hereby Declare That the Technical File of Product Complied With the Requirement of The CE MARKING.

UNITED COPPER INDUSTRIES

REGISTERED ADDRESS:- SHED NO. A 2/64, UNITED COPPER INDUSTRIES, GIDC, KILLAPARDI, VALSAD, GUJARAT-396125, INDIA.

Has been assessed and found in as per CE MARKING compliance to the Requirement of standard details below

For The Following Scope Of Activities :-
MANUFACTURING OF COPPER, COPPER ALLOY AND TUBES, PIPES, COILS, SHEETS, RODS, SECTIONS & COPPER MEDICAL GAS PIPE.

APPLICABLE DIRECTIVES:-PRESSURE EQUIPMENT DIRECTIVE (PED) (2014/68/EU).

The Certification body has performed an audit of the above product quality system covering the design, manufacture and final inspection of the certified product. The quality system has been assessed, approved and is subject to continuous surveillance according to the CE Marking.

This certificate is issued under the following conditions:

1. It applies only to the quality system maintained in the manufacture of above Referenced models and it does not substitute the design or type-examination Procedures, if requested.
2. The certificate remains valid until the manufacturing conditions or the quality Systems are changed.
3. The certificate validity is conditioned by positive results or surveillance audits. The CE marking as Shown above can be used, under the responsibility of the Manufacturer, after Completion of a CE marking statement is based on a single evaluation of one sample of above Mentioned product. It does not imply an assessment of the whole production.

Certificate No:- 900219 Registration Date:- (15-JUNE-2021)
 Surveillance Date:- (15-MAY-2022) Certificate Expiry:- (14-JUNE-2024)

GMS CERTIFICATION **UKCL** **CE** *Signature*
 Director

Validity of this certificate is subject to annual surveillance audits to be done successfully (increase in surveillance audit is not allowed to be conducted this certificate shall be suspended/withdrawn).
 The validity of this certificate can be verified at www.gmscertification.org
 GMS Certification is accredited by United Kingdom Certification Limited (UKCL) www.ukclcertification.co.uk
 Office - Kemp House 160 City Road, London EC1Y 2HX, United Kingdom
 Contact us : +44 (0) 203 693 3924 | E-mail : info@ukclcertification.co.uk

India Office : GMS CERTIFICATION
 Plot No-32, Site-4, Budhela Market Vikaspuri, New Delhi-110018
 E-mail : info@gmscertification.org | Web: www.gmscertification.org
 Contact us : +91-7758856669 | 011-45024944

Certificate No. : 090207AO01UB

CERTIFICATE

This Certificate certifies that the Management System of

UNITED COPPER INDUSTRIES

ADDRESS :
 SHED NO A 2/64, UNITED COPPER INDUSTRIES, GIDC, KILLA PARDI, VALSAD, GUJARAT-396125, INDIA

has been audited by CAPL and found to be in conformance with the requirements of the standard

ISO 9001:2015
 (Quality Management System)

This certificate is valid for the following scope

MANUFACTURING AND TRADING OF COPPER, COPPER ALLOY AND STAINLESS STEEL TUBES, PIPES, COILS, SHEETS, RODS, COPPER MEDICAL GAS PIPE, SECTIONS AND FITTINGS

Initial Registration Date : 15/06/2021 First Surveillance due on : 14/06/2022
 Certificate Valid Until : 14/06/2024 Second Surveillance due on : 14/06/2023
 Next audit due on : 14/06/2022
(continuation of this certificate is subject to maintenance of surveillance audits)

(Scan to Verify) *Signature* Director

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT **EGAC Accredited** (QMS Certification CAB # 119002) **Criterion** 150 9001:2015 Registered

Criterion Assessment Private Limited (CAPL)
 C-37/6, Paper Mill Colony, Nishatganj, Lucknow - 226006, Uttar Pradesh, India
 This Certificate is Intellectual Property of CAPL and can be maintained through surveillance and renewal audits. The accredited part of the above scope

United Copper Industries