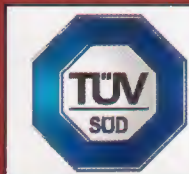


# PRODUCTION INTRODUCTION



## Jugal Tube Pvt. Ltd.

ESTD. 1987



AN ISO 9001 : 2008 COMPANY

<http://www.jugaltube.com>

# COPPER & COPPER ALLOYS

JUGAL TUBE PVT. LTD. is one of the major manufacturers of Copper and Brass Tubes, Rods, Strips, Flats / Bus Bars, Fin Tubes, Copper Coils, hot extruded and cold drawn seamless Copper Alloy Tubes. Our plant is located at Gujarat State, the fastest growing industrial area in the country. The company has ensured non-pollution working conditions in the plant. The company proposes to obtain ISO & Allied quality assurance certification shortly.

A massive & continuous investment programme in the development of new technologies, state of the art equipment and machinery, and technical and administrative software allows Jugal Tube to offer a range of products of the highest quality. Jugal applies the just in time principle with over more than 450 clients around the country.

As opportunities for the Indian copper industry unfold in the global market, Jugal tubes has drawn up its export strategy with superior quality and a variety of products Jugal Tubes holds to capture the international market also.

# APPLICATION AND PRODUCTS

## RANGE

### COPPER

DHP Copper, ETP Copper, DPA Copper & OFHC Copper

### BRASS

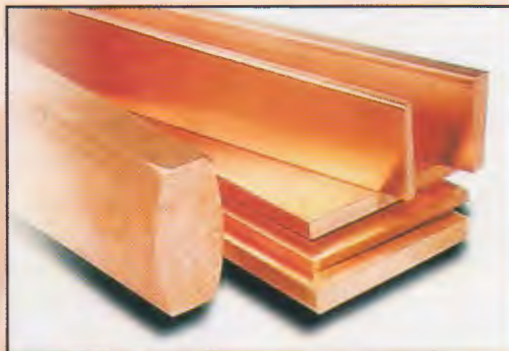
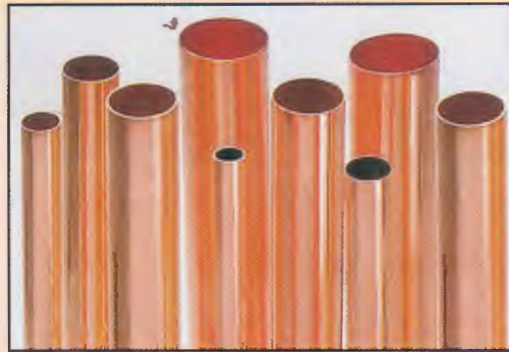
63 / 37 Brass, 70 / 30 Brass, Admiralty Brass, Aluminium Brass & other compositions of Brass.

### CUPRONICKEL

95 / 5 alloy, 90 / 10 alloy & 70 / 30 alloy.

### BRONZES

Phosphorous Bronze  
Aluminium Bronze & Gun Metal.



## APPLICATION

Chemicals & Oil Refineries

Electronics & Telecommunications

Machine Building & Ship Building

Power Generation & Atomic Energy

Air Conditioners & Refrigerators

Food Processing & Water Coolers

Furniture Process & Cold Storage

Writing Instruments & Home Appl.

Office Accessories & etc.



## SPECIFICATIONS FOR COPPER TUBES

Material Descriptions	Specifications		Copper %	Arsenic %	Phos-Phorous %	Lead %	Iron %	Nickel %	Other Elements	Tensile Strength Kg/mm <sup>2</sup>	Elongation		Electrical Conductivity ar20°C	Hardness
	ISS	BSS									—	—		
Phosphorous De-Oxidised Non Arsenical Copper	2501; DHP I DHP II	2871; C106	99.85 Min.	—	0.013 to 0.05	0.01	0.03	—	0.06	Anne. 22 Drawn 28	Anne. 40% Drawn H.H.	—	60 Max. 105 Min. 80-100	
Phosphorous De-Oxidised Non Arsenical Copper	2501: DPA	2871: C107	99.20 Min.	0.3 to 0.5	0.013 to 0.05	0.01	0.03	—	0.07	Anne. 22 Drawn 28	Anne. 40% Drawn	—	—	
High Conductivity Copper Tubes	2501: ETP	1977 (2871: C 101)	99.9 Min.	—	—	0.005	—	—	0.03	Anne. 20.5 to 25.2 Drawn. 26.8 Min.	Ann. 40% Drawn. —	—	99.25 IACS	
Cupro Nickel Tubes	1545 CuNi10Fe1	BS 2871 Part 2 CN-102	Remdr.	Managane- nese 0.5-1.1	—	0.01	1-23	10-11	0.3	Anne 30.5-38.5 Drawn 44 Min.	30 —	—	80-110 HV 150 Min.	
Cupro Nickel Tubes	CuNi30	CN-107	Remdr.	0.5-1.5	—	0.01	0.4/1	30/32	0.3	Anne 37-46 Drawn 51 Min	30 —	—	90 120 HV 150 Min.	



 **Jugal**  
**Tube Pvt. Ltd.**

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