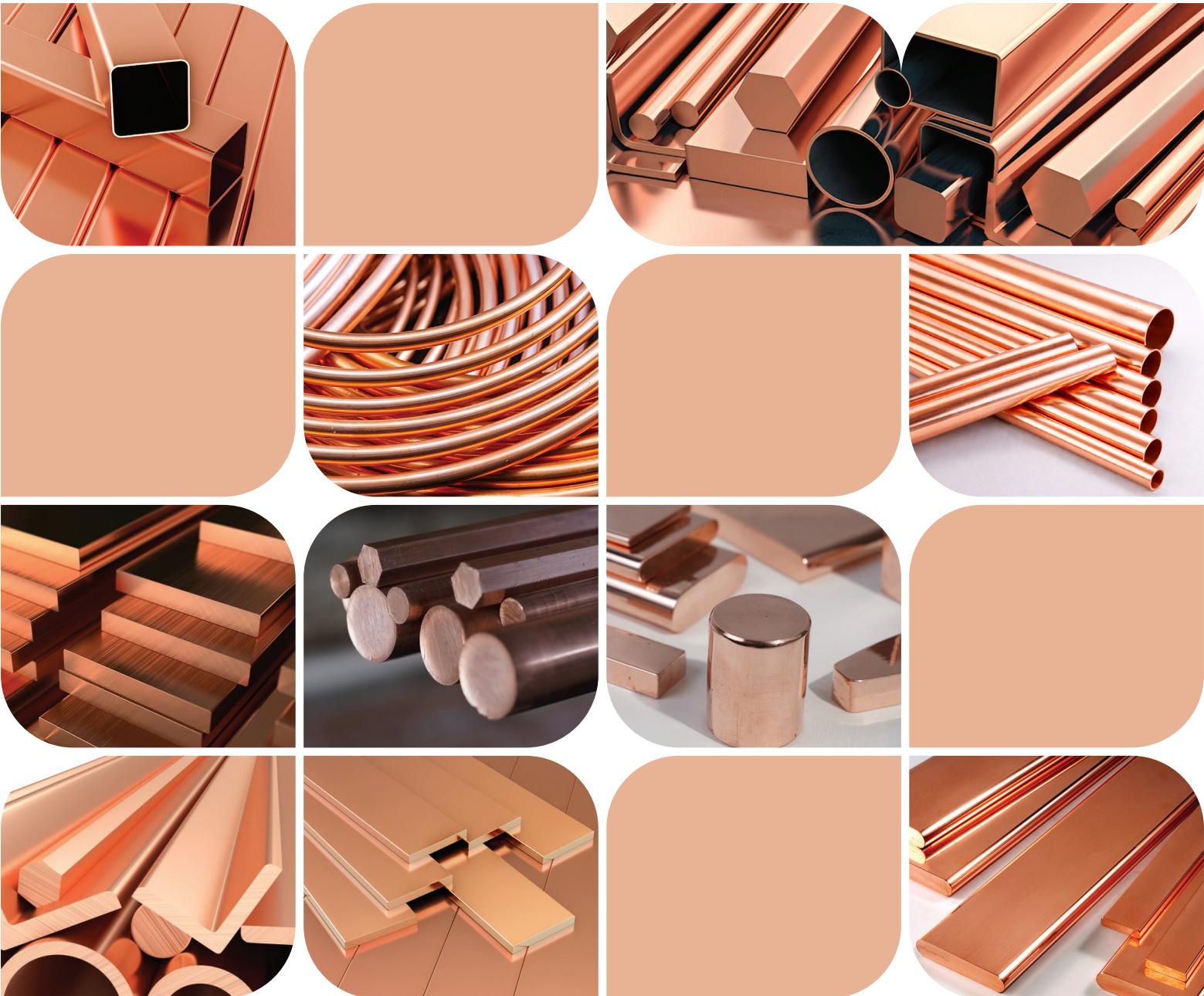




BARODA EXTRUSION LTD.

where copper takes shape

Since 1991



MANUFACTURER OF

Copper Flats, Rods, Pipes, Tubes & Profiles

BEL ISI & ISO 9001:2015 QUALITY MANAGEMENT SYSTEMS

ABOUT US

Founded nearly 35 years ago, Baroda Extrusion Ltd. is a leading manufacturer and supplier of copper-based products from its manufacturing plant located at Garadhiya, Jarod Samlaya Road, Ta.Savli, Vadodara.

Headquartered in Vadodara, Gujarat, Baroda Extrusion Ltd. has earned the reputation of a reliable, sound, experienced and innovative company that adds value by adopting modern technology and machinery and hence by delivering nothing but the best. This to the coveted ISO 9001:2015 certification.



We have a diligent team of skilled, qualified, experienced, and self-motivated employees. Baroda Extrusion Ltd. consistently aims to deliver the best at all times.

Baroda Extrusion Ltd. is a listed company on the Bombay Stock Exchange and trades under the Metal Non-Ferrous Category.

VISION

BE THE NEXT

We strive to set the highest standard of quality in everything we do. We always want to drive towards the next great thing by constantly challenging ourselves to improve and break new ground.

OWN IT

The entrepreneurial spirit runs strong at Baroda Extrusion Ltd. We encourage our people to think big and own their work.

STRONGER UNITED

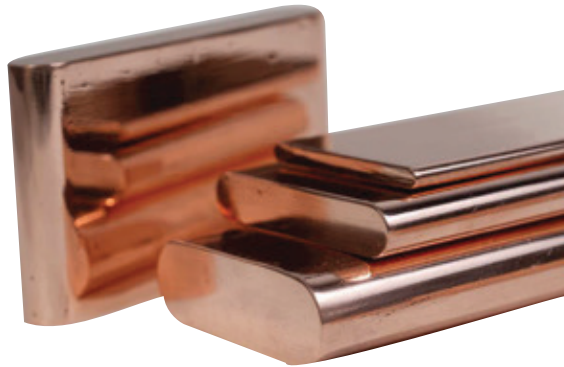
We've created a positive and inclusive culture where our people feel valued, connected, and empowered to bring their entire, authentic selves to the work.

Quality Compliance

We aim to follow specific standards and regulations set and observed by the industry. Through well-deserved quality compliance, we endeavor to support and run the business in the best interest of our consumers, vendors, partners, regulatory units, and the environment.



PRODUCT RANGE



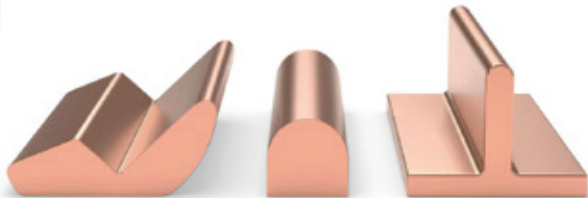
DHP-ETP GRADE COPPER FLATS | BUS BAR

SIZES

WIDTH: 15mm to 150mm

THICKNESS: 3mm to 38mm

In annealed(O), half hard(HB)
and full hard(HD) condition



COPPER SECTIONS AND PROFILE

Heavy Electrical Engineering,
Power Generation and Atomic
Energy. As per customers
specifications.



COPPER ANODES / NUGGETS

SIZES

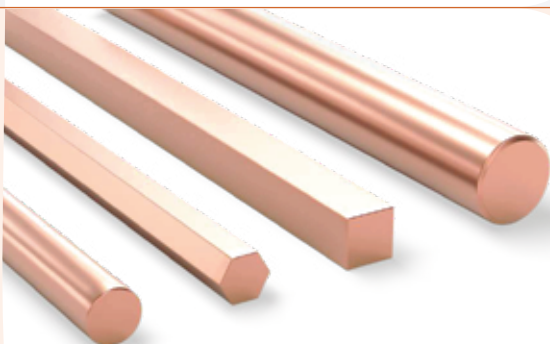
76mm x 50mm x 28mm

76mm x 38mm x 25mm

82mm x 31.5mm x 18.5mm

77.5mm x 27mm x 20mm

101.5mm x 25mm x 13mm



DHP-ETP GRADE COPPER RODS

SIZES AND SHAPE

6mm to 150mm IN ROUND SHAPE

6mm to 120mm IN SQUARE SHAPE

6mm to 100mm IN HEXAGON SHAPE



ETP-DHP GRADE BILLET

150mm And 175mm Diameter

HOLLOW MOTHER TUBES

SIZES

OUTER DIAMETER: 40mm to 72 mm

THICKNESS: 4 mm



ETP-DHP GRADE COPPER STRAIGHT PIPES

SIZES

OUTER DIAMETER: 3.2mm to 114mm

THICKNESS: 0.3mm to 20mm



DHP-ETP GRADE COPPER COIL | TUBES

SIZES

OUTER DIAMETER: 3.2mm to 22mm

THICKNESS: 0.5mm to 1.6mm



COPPER STRIP (NEW PRODUCT)

SIZES

WIDTH: 10mm to 50mm

THICKNESS: 2.5mm to 6mm

Please find below the products for your one doorstep services to ease customers requirement.

- Brass Busbar and Flats, Rods
- Aluminium Flats
- Copper Flexible/Copper Braided Busbar
- Oxygen free Copper Rods and Pipes
- Tin Plated Copper Busbars
- PVC Coated Copper Tubes
- Copper Earthing Rods
- Pipe Fittings
- Copper Sheets



APPLICATION

When you have multiple and versatile products, the limitations of applications do not exist. Our products are useful across diverse industries as mentioned below,

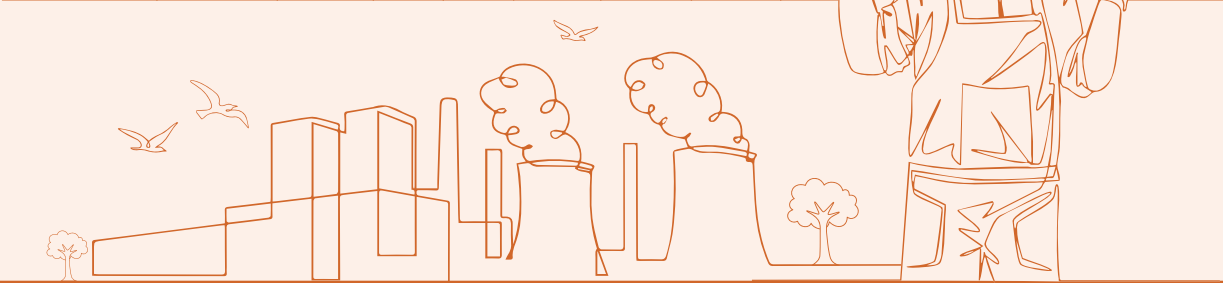
- Transformer
- Control Panels
- Isolators
- Rectifiers
- Furnace
- Heavy Electrical Engineering
- Refrigeration and Air Conditioning
- Heat Exchanger.
- Hospital
- Gas Pipe Lines
- Nuclear Power Plant
- Metro Rail Products
- Condensers
- Power Plants
- Copper Billets/ Mother Tubes For Copper
- Extrusion and Forging Plants.
- Electroplating Industries
- For Redrawing Industries
- Electrical Vehicles
- Earthing Application
- Components for Export
- Copper Studs

SPECIFICATION FOR COPPER PIPE | TUBES

Material Description	SPECIFICATION								Tensile Strength kg/mm²		Elongation %		Electrical Conduc- tivity	Hardness
	IS	Copper %	Arsenic	Phosp- horous %	Lead %	Iron %	Nickel %	Other Element						
Copper Tube General Engineering Purposes. ETP, DHP, FRTP, DPA, ATP.	IS 2501 : 1995	99.50 Min	---	---	---	---	---	0.50 Max	HD HB O	195 Min To 280 Min	0 To 40 Min	---	NA	NA
Copper Tube Refrigeration and Air-Conditioning Purposes	IS 10773 : 1995	99.90 Min	---	0.004-0.015	---	---	---	0.10	Soft-Annealed Light Ann. Light Drawn	205 Min. To 325 Min	0 To 40 Min	---	NA	NA
		99.85 Min.	0.05	0.015-0.040			0.1	0.15 MAX						
Solid drawn copper and copper alloy tubes for condensers and heat exchangers	IS 1545 : 1994	Cu-DLP, Cu-DHP, CuZn30As, CuZn29Sn1 As, CuZn21Al2 As, CuNi10Fe1, CuNi30Mn1 Fe	As Rqrd.	As Rqrd.					HD HB O	As per Standard	As per Standard	---	NA	NA
Copper Tubes for plumbing	IS 14810 : 2000	Copper and Copper Alloys	As Rqrd.	As Rqrd	As Rqrd.	As Rqrd.	As Rqrd.	As Rqrd.	HD HB O	As per Standard	As per Standard	---	NA	NA

SPECIFICATION FOR COPPER FLATS, RODS, WIRES & SECTION

Material Description	Specification	Copper %	Composition Limits		Other Impurities	Tensile Strength kg/mm² Min.	Physical Properties		Fabrication Properties		Brazing	Soldering	Hardness
	IS		Phosp- horous %	Arsenic %			Elongation %	Electrical Conduc- tivity	Cold Worked	Hot Framed			
ETP Rods and Bars	IS 613 : 2000	99.90 Min. (Including Silver)	0.015 to 0.05		0.06 Max.	230 Min To 330 Min	6min to 45 Min.	97% Min.	Exce- llent	Exce- llent	Good	Good	60 Max To 90 Min
ETP Copper Strip	IS 1897 : 2008	99.90 Min. (Including Silver)	0.015 to 0.05		0.06 Max.	205 Min To 290 Min	15 Min to 30 Min	97% Min.	Exce- llent	Exce- llent	Good	Good	60 Max To 90 Min
Copper Rod and Bars for General Engineering Purposes	IS 4171 : 1983	99.50 Min. (Including Silver)	0.015 To 0.06	0.05 Max	0.06 Max.	230 Min To 260 Max	13 Min To 33 Min	--	Exce- llent	Exce- llent	Good	Good	NA
Copper wire Rods for Electrical Applications	IS 12444 : 2020	ETP 99.90 OFC 99.95	---	5ppm Max	65 ppm (not Inc. Oxygen)	155 to 210 Min	35 to 44 Min	100 to 101 Min	Exce- llent	Exce- llent	Good	Good	NA
Copper wires for general engineering purposes	IS 4412 : 1981	99.80 Min. (Including Silver)	0.015-0.10	0.05 Max	0.06 (Excludi ng silver, Nickel, arsenic and Phos. Max)	O-225Min HB-280 HD-340	35 Min (100mm) --- ---	---	Exce- llent	Exce- llent	Good	Good	NA



GUIDED BY INTEGRITY UNITED BY COPPER



BARODA EXTRUSION LTD.

where copper takes shape

Since 1991

Regd Office and Works

Survey No 65-66,

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