

EFFICIENT COOLING WITH PRECISION COPPER TUBES

We make it happen

KUTCH COPPER TUBES LIMITED



KUTCH COPPER TUBES LIMITED

Located in Mundra, Gujarat, our greenfield project is dedicated to producing high-performance copper tubes for the refrigeration and air conditioning industry. With a strong focus on innovation and sustainability, we leverage advanced technology to deliver exceptional quality while upholding the highest environmental and safety standards. Our facility is designed for efficiency, maximizing product value and minimizing costs as we work toward building a greener future.

POWERING INDIA AHEAD

Adani Group, headquartered in Ahmedabad, Gujarat, is India's largest and fastest-growing diversified business portfolio, leading in Infrastructure, Resources, Power Generation and Distribution, Renewable Energy, Gas, Logistics, and more. A market leader in transport logistics and energy utilities, the Group focuses on large-scale infrastructure development with globally benchmarked operations.

Adani Enterprises Limited (AEL), India's largest business incubator, fosters growth across Natural Resources, Renewables, Defence and Aerospace, Airports, Roads, and Infrastructure. Within AEL, Adani Metals plays a pivotal role in supporting India's industrial landscape through copper manufacturing. Kutch Copper Limited focuses on producing refined copper to meet the nation's growing demand, while Kutch Copper Tubes Limited expands this offering with high-quality copper-based solutions, catering to the critical needs of OEMs and various industries.



Material:

- DHP grade copper
 - Copper Purity: 99.90% and above
 - Phosphorous: 150 ~ 400 ppm

Standards:

- BIS: IS 10773
- ASTM-B68/75/743
- ASTM-B280
- JIS H 3300
- EN 12735-1 & EN 12735-2

Applications:

- AC Condenser
- AC Evaporator
- Refrigeration

ADVANCED MANUFACTURING, ACCELERATED OUTPUT

Robust Production Capacity

Manufacturing facility with a 30 KTPA capacity, with plans to double output for greater market reach.

Premium-grade Cathodes

In-house LME Grade A Cathodes, delivering superior performance.

Cutting-edge In-house Production

Equipped with the latest technology and precision testing for flawless output.



Sustainable & Water-positive Facility

Designed for eco-friendly operations, securing a continuous, responsible water supply.

Next-gen Grooved Tubes

Advanced grooved tube technology for enhanced efficiency and performance.

Seamless Nationwide Supply

Backed by Adani Group's extensive network, ensuring timely and efficient delivery.

International Standard Compliance

Manufactured to ASTM/BS/EN/BIS Standards, ensuring unmatched reliability.



PLAIN TUBES

OUTER
DIAMETER
RANGE | 4 mm to 25.4 mm

Outer Diameter (mm)	Wall Thickness	
	Min	Max
4.00	0.35	0.61
4.76	0.35	0.71
5.00	0.35	0.81
6.00	0.35	0.81
6.35	0.35	0.91
7.00	0.3	0.91
7.94	0.3	1.07
8.00	0.3	1.07
9.52	0.3	1.07
10.00	0.30	1.07
12.00	0.35	1.07
12.70	0.35	1.07
15.88	0.46	1.22
16.00	0.46	1.22
19.05	0.71	1.22
22.22	0.71	1.22
25.40	0.71	1.22

Packing Options:

- LWC (Bobbin-less)
- LWC (Bobbin)
- Jumbo Coil

INNER GROOVED TUBES

OUTER
DIAMETER
RANGE | 5 mm to 12.7 mm

Packing Options:

- LWC (Bobbin-less)
- LWC (Bobbin)
- Jumbo Coil

Outer Diameter	Bottom Wall Thickness (tb)	Groove Heights (h)	No. of fins (n)	Lead Angle	Top Angle
mm	mm	mm	Nos.	Degrees	Degrees
5	0.20 - 0.23	0.12 - 0.15	35 - 60	13 - 35	10 - 15
6.35	0.23 - 0.27	0.15 - 0.20	45 - 55	10 - 32	15 - 50
7	0.21 - 0.41	0.10 - 0.25	42 - 70	10 - 45	10 - 53
7.2	0.25 - 0.28	0.15 - 0.21	50 - 64	15 - 18	20 - 40
7.94	0.23 - 0.39	0.12 - 0.21	46 - 75	14 - 30	10 - 90
8	0.25 - 0.28	0.12 - 0.20	50 - 80	15 - 35	12 - 50
9.52	0.26 - 0.46	0.12 - 0.25	42 - 85	15 - 43	12 - 90
12	0.30 - 0.40	0.18 - 0.25	68 - 98	15 - 28	20 - 40
12.7	0.30 - 0.46	0.20 - 0.30	60 - 80	18 - 30	15 - 50





PANCAKE COILS

OUTER
DIAMETER
RANGE | 4 mm to 25.4 mm

Outer Diameter (mm)	Wall Thickness	
	Min	Max
4.00	0.46	0.46
4.76	0.46	0.81
5.00	0.46	1.07
6.00	0.46	1.07
6.35	0.46	1.07
7.00	0.46	1.07
7.94	0.46	1.07
8.00	0.46	1.07
9.52	0.46	1.07
10.00	0.46	1.07
12.00	0.46	1.07
12.70	0.46	1.07
15.88	0.51	1.07
19.05	0.71	1.07
22.22	0.71	1.07
25.40	0.71	1.07

Packing Options:

- Standard lengths
- Individually boxed

STRAIGHT LENGTH TUBES

OUTER
DIAMETER
RANGE | 4 mm to 25.4 mm

Outer Diameter (mm)	Wall Thickness	
	Min	Max
4.00	0.35	0.61
4.76	0.35	0.71
5.00	0.35	0.81
6.00	0.35	0.81
6.35	0.35	0.91
7.00	0.3	0.91
7.94	0.3	1.07
8.00	0.3	1.07
9.52	0.3	1.07
10.00	0.30	1.07
12.00	0.35	1.07
12.70	0.35	1.07
15.88	0.46	1.22
16.00	0.46	1.22
19.05	0.71	1.22
22.22	0.71	1.22
25.40	0.71	1.22

Packing Options:

- Standard length: 2-6 meters
- Wooden Boxes

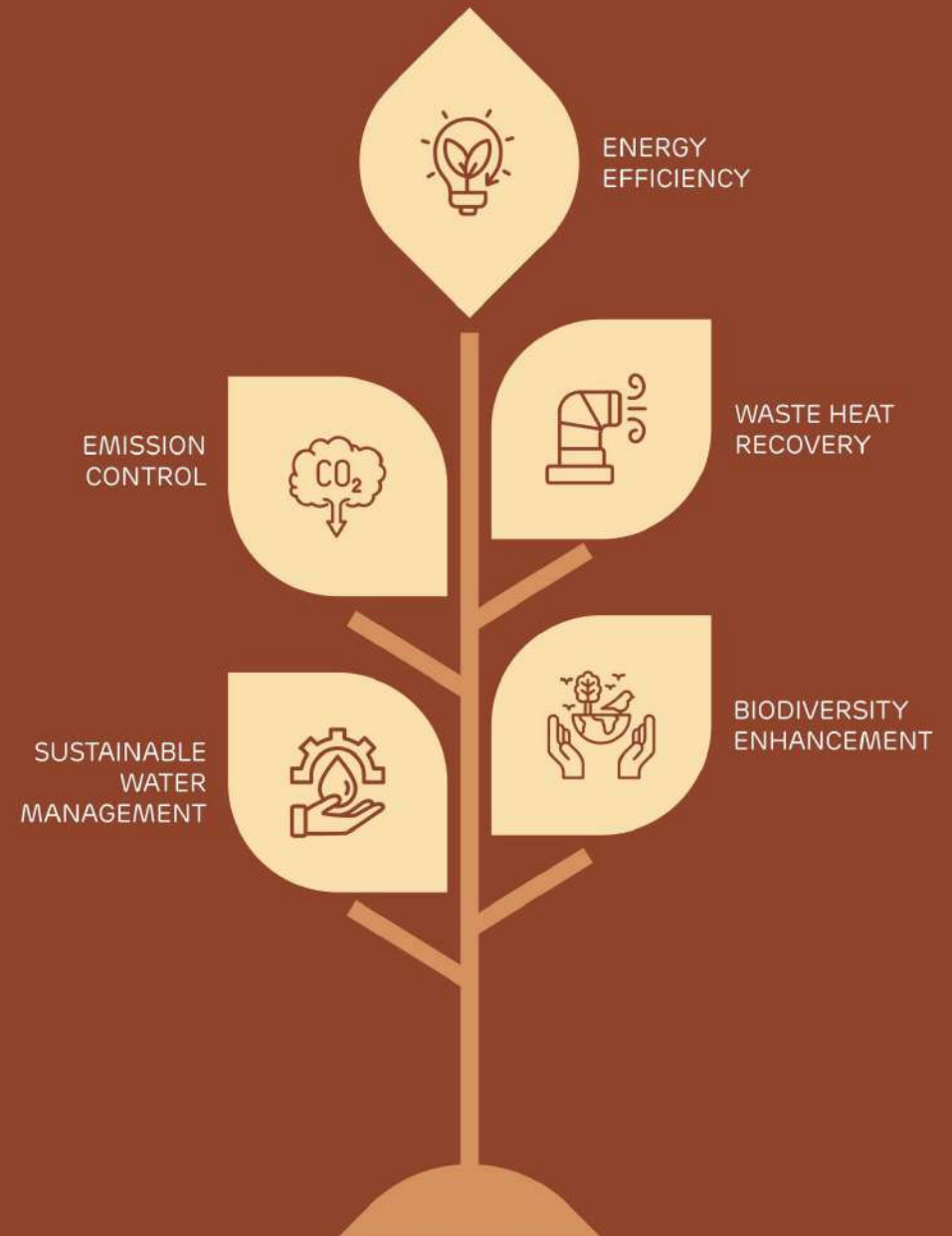


QUALITY CONTROL

At KCTL, rigorous quality checks ensure precision and reliability. The product in its every stage undergoes meticulous inspection to maintain the highest quality standards.



COMMITMENT TO SUSTAINABILITY



EMPOWERING COMMUNITIES, ENRICHING LIVES



Education



Community Health



Sustainable Livelihood



Rural Infrastructure Development



Registered Address:

Adani Corporate House , Shantigram,
Near Vaishnodevi Circle, SG Highway, Khodiyar,
Ahmedabad-382424, Gujarat, India

Plant Address:

Kutch Copper Tubes Limited, Survey No. 223,
Navinal, Mundra, Kutch-370421, Gujarat, India

☎ +91 95999 32761

✉ kctl.marketing@adani.com