

# STRAIGHT COPPER TUBE



UCI straight copper tube production is carried out with diameters ranging from 4.76 to 28.00 mm and wall thicknesses between 0.30 to 1.50 mm, in annealed, half hard and hard tempers.

**Outside diameter** : 4,76 mm - 28,00 mm  
**Wall Thickness** : 0,30 mm - 1,50 mm  
**Condition** : R220 - R250 - R290

## CHEMICAL COMPOSITION

| Definition | EN No. | ASTM No. |
|------------|--------|----------|
| Cu-DHP     | CW024A | C12200   |

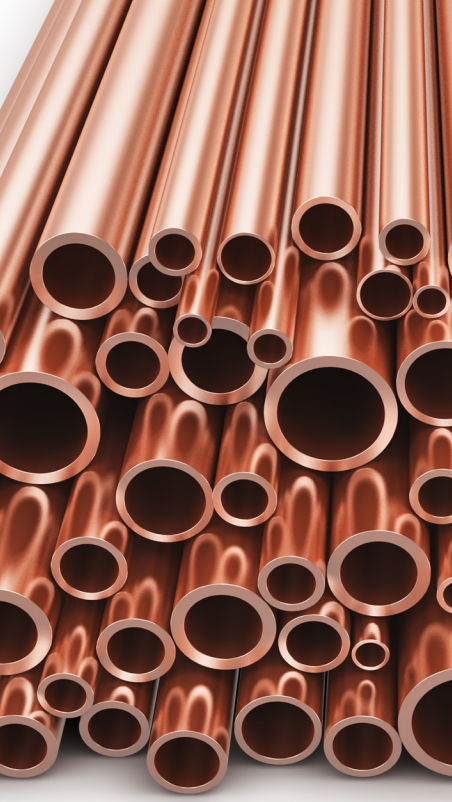
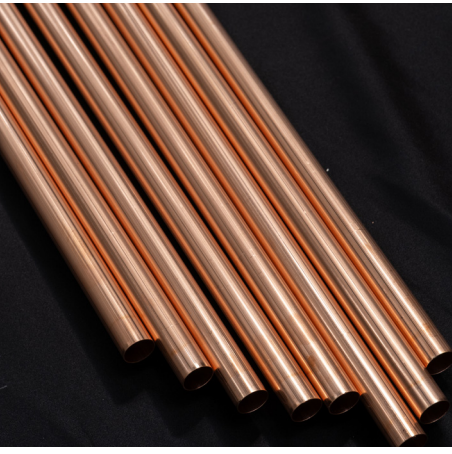


## MECHANICAL PROPERTIES

| Temper    | Tensile Strength (MPa) | Elongation (%) |
|-----------|------------------------|----------------|
| Annealed  | min. 220               | min. 40        |
| Half Hard | min. 250               | min. 30        |
| Hard      | min. 290               | min. 3         |

**STRAIGHT COPPER TUBE PACKAGING:** Both ends of straight copper tubes are sealed with plastic caps. The tubes are wrapped in PE nylon to protect them from external conditions and shipped in wooden crates tailored to the order length. Upon request, shipments can be made on customers' recyclable metal pallets.

| Outside Diameter |      | Wall Thickness |          | Length<br>m |
|------------------|------|----------------|----------|-------------|
| mm               | inç  | Min (mm)       | Max (mm) |             |
| 4,76             | 3/16 | 0,30           | 1,00     | 2,0-6,0     |
| 6,00             | -    | 0,30           | 1,00     | 2,0-6,0     |
| 6,35             | 1/4  | 0,30           | 1,00     | 2,0-6,0     |
| 7,93             | 5/16 | 0,30           | 1,00     | 2,0-6,0     |
| 8,00             | -    | 0,30           | 1,00     | 2,0-6,0     |
| 9,52             | 3/8  | 0,30           | 1,00     | 2,0-6,0     |
| 10,00            | -    | 0,30           | 1,00     | 2,0-6,0     |
| 11,00            | -    | 0,30           | 1,00     | 2,0-6,0     |
| 12,00            | -    | 0,30           | 1,00     | 2,0-6,0     |
| 12,70            | 1/2  | 0,30           | 1,00     | 2,0-6,0     |
| 13,00            | -    | 0,40           | 1,00     | 2,0-6,0     |
| 13,50            | -    | 0,40           | 1,00     | 2,0-6,0     |
| 14,00            | -    | 0,40           | 1,00     | 2,0-6,0     |
| 15,00            | -    | 0,40           | 1,00     | 2,0-6,0     |
| 15,87            | 5/8  | 0,40           | 1,00     | 2,0-6,0     |
| 16,00            | -    | 0,50           | 1,00     | 2,0-6,0     |
| 17,00            | -    | 0,50           | 1,00     | 2,0-6,0     |
| 18,00            | -    | 0,50           | 1,00     | 2,0-6,0     |
| 19,00            | -    | 0,50           | 1,20     | 2,0-6,0     |
| 19,05            | 3/4  | 0,50           | 1,20     | 2,0-6,0     |
| 20,00            | -    | 1,00           | 1,20     | 2,0-6,0     |
| 22,00            | -    | 1,00           | 1,20     | 2,0-6,0     |
| 22,22            | 7/8  | 1,00           | 1,20     | 2,0-6,0     |
| 25,00            | -    | 1,00           | 1,50     | 2,0-6,0     |
| 28,00            | -    | 1,00           | 1,50     | 2,0-6,0     |



• Please contact our Sales Department for dimensions not available in the table.