

## SPECIFICATIONS FOR COPPER PIPES & TUBES

| Parameter                 | Specification                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Product Name              | Copper Pipes & Tubes                                                                                                                    |
| Material                  | High-Purity Copper                                                                                                                      |
| Copper Purity             | Typically, 99.90% – 99.99% Cu                                                                                                           |
| Common Grades             | C10100 (OFE), C10200, C11000 (ETP), or equivalent                                                                                       |
| Type                      | Seamless, Drawn, or Annealed Copper Tubes                                                                                               |
| Shape                     | Round (standard), customized profiles available                                                                                         |
| Outer Diameter (OD)       | Customized according to customer requirements                                                                                           |
| Wall Thickness            | Customized according to specifications                                                                                                  |
| Length                    | Standard or custom lengths available                                                                                                    |
| Surface Finish            | Bright, Polished, Cleaned, Mill Finish                                                                                                  |
| Color                     | Reddish-Brown Metallic                                                                                                                  |
| Density                   | Approx. 8.96 g/cm <sup>3</sup>                                                                                                          |
| Electrical Conductivity   | Up to 100% IACS or higher (depending on grade)                                                                                          |
| Thermal Conductivity      | Excellent                                                                                                                               |
| Tensile Strength          | Typically 200 – 350 MPa (depending on grade and temper)                                                                                 |
| Corrosion Resistance      | Excellent                                                                                                                               |
| Formability               | Excellent bending and shaping properties                                                                                                |
| Weldability & Brazability | Excellent                                                                                                                               |
| Applications              | Plumbing, HVAC systems, refrigeration, heat exchangers, condensers, medical gas systems, electrical equipment, industrial manufacturing |
| Standards                 | ASTM, EN, DIN, JIS, ISO, or customer specifications                                                                                     |
| Packaging                 | Bundles, coils, wooden crates, export-worthy packaging                                                                                  |
| MOQ                       | As per supplier agreement                                                                                                               |
| Origin                    | Available upon request                                                                                                                  |