MATERIAL DATA SHEET (MDS)

Seamless Copper Water Tubes (Types K, L, M) per ASTM B88
Hard Drawn Straight Lengths

This technical data sheet summarizes the definitive material, chemical, mechanical, physical, and dimensional requirements for Seamless Copper Water Tube (Types K, L, and M) for general plumbing and water distribution service, strictly governed by standard specification ASTM B88.

Material Designation & Standards

- **Alloy Designation:** UNS C12200 Deoxidized High Phosphorus (DHP) Copper.
- **Minimum Purity:** 99.90% Copper (Cu) minimum.
- **Standard Compliance:** ASTM B88 Standard Specification for Seamless Copper Water Tube.
- **Lead-Free Safe Water Certification:** Certified safe for potable water supply systems under NSF/ANSI 61 and complying with federal Safe Drinking Water Act lead-free limits.

Identification Markings & Color Coding

- **Surface Stripe Identification:** Continuous surface color ink stripe applied to hard drawn lengths for rapid field inspection:
- **Type K Tube:** Green marking stripe (Heavy wall option).
- **Type L Tube:** Blue marking stripe (Medium wall option).
- **Type M Tube:** Red marking stripe (Light wall option).