



## **HIGH PURITY TECHNOLOGY, INC.**

**50 PERSHING AVENUE \* P.O. BOX 870**

**POUGHKEEPSIE, N.Y. 12602-0870**

**(845) 452-1103 \* FAX (845) 471-8965**

### **GENERAL PRODUCT SPECIFICATIONS:**

#### **HP COPPER TUBING**

(1/4" & Larger O.D.) Material to be domestic hard drawn virgin Copper. Purity to be 99.90 with .02% Phosphorus. Tube and fittings will conform to the following specifications:

ASTM B88 (type L or K)

ASTM B75 FITTINGS

SAE C12200

MIL-T-24107

All surface (O.D. & I.D.) of all tube and fittings are to be mechanically/chemically polished to remove tarnish, stains and discoloration. After chemical polishing, all components are to be rinsed in D/I water for final cleaning to remove any trace of hydrocarbon residue and particulate contamination. All surfaces are to retain a uniform matte finish that resists re-tarnishing. Tubing is to be purged with filtered (.2 micron absolute) nitrogen from a cryogenic source.

Tubing is to be O.D. capped while under filtered nitrogen purge. Tube end caps of hard urethane are to be color coded RED. Tubes are to be packaged in clean 6 mil polyethylene sleeve; ends folded and heat sealed. Fittings and other components are to be heat sealed in 6 mil polyethylene bags.

A product certification is available with each shipment to identify compliance with NFPA 99, CGA-G4.1, specifications and ASTM B-280 and ASTM B-819 specifications.

High Purity Technology, Inc. certifies that Class 1 or Class 2 ozone depleting chemicals are not utilized in the manufacture of High Purity Copper Tube.

(End)