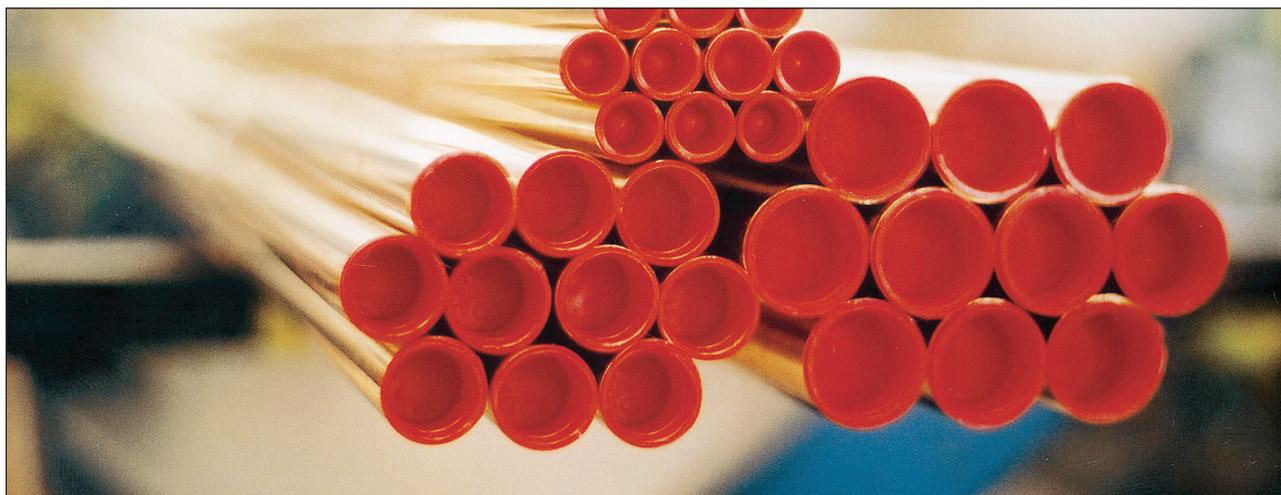


Medical Gas Tube Data Sheet



Medical Gas Tubes

BS EN 13348

Specifically designed for copper medical gas and vacuum systems. Superseding earlier 'hybridised' copper tube standards such as BS EN 1057 & BS 2871 Part 1 Table X
Conforms to HTM 02-01:2006 & NHS engineering spec. C11

Specific Benefits Include:

- Tighter limits on cleanliness determination.
- Improved identification to avoid confusion with similar sizes of water service tube.
- Lawton Tubes are the first British company to be awarded the kitemark licence to supply to this standard.

Material Analysis

Material Grade Phosphorus de-oxidised copper; Cu-DHP or CW024A as defined in BS EN 1976.

Minimum Copper Content 99.90 % (including silver)

Phosphorus 0.015-0.040 %

Total Impurity Maxima 0.060 % (excluding phosphorus and silver)

The melting point of copper is 1083°C and it has a density of 8.9 gm/cc

Cleanliness

Maximum total carbon content 0.20 mg/dm².

Packaging

Each tube individually end capped, tube bundles polythene wrapped* and sealed.

Marking

Sizes 12 - 108mm copper tubes are stamped and inkjet marked with:

- Tube size
- Kitemark
- EN 13348
- Temper
- Manufacturer
- Date & Batch Code 12mm to 28mm sizes are also inkjet marked with additional data to enable traceability

Sizes above 108mm (133mm/159mm/219mm) are made to EN 1057 and cleaned to EN 13348