

**LAWTON**  
MEDICAL







## Introduction

Lawton Tube has been supplying the UK and International market for nearly one hundred years. Having developed a reputation for strength, quality and reliability, Lawton are market leading producers and suppliers of copper medical gas tubes.

Lawton's medical product range includes:

- Straight lengths
- Fittings
- Medical Accessories

Demand Lawton's Copper for:

- Medical Gas pipelines
- Vacuum Systems
- Other medical gas equipment compliant to HTM02/01

Lawton's Medical products were used in many prestigious projects including:

- Southmead Hospital UK
- Sidra Hospital, Qatar
- King Faisal Hospital, Saudi
- Hamad Medical City, Qatar
- Cleveland Clinic, Dubai
- Square Hospital, Bangladesh
- New South Glasgow Adult Hospital, UK
- Jaber Al Ahmed Al Jaber Al Sabah Hospital, Kuwait

Whether you're talking about our business or our product, Lawton's Copper Tubes offer:

- Strength
- Quality
- Reliability

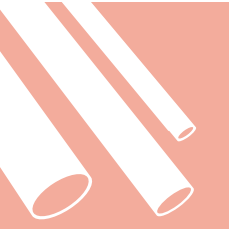
The Medical Industry is a demanding one, so demand Lawton Tubes



“ We are proud to have supplied such prestigious venues worldwide from our extensive stocks ”

Oliver Lawton MD





## Pipeline solutions for medical installations

At Lawton we supply kitemarked degreased copper tubes to BS EN 13348, meaning all our products are regularly audited by the British Standards Institute. Straight length copper tube is available in 3m & 6m lengths. Diameters range from 12mm to 219mm, for large hospital projects. We have stocks of our largest diameter tubes available for immediate despatch.

All our medical tube complies with the latest National Health Service (NHS) HTM 02-01 spec.

### Specific Benefits Include:

- Specifically designed for copper medical gas and vacuum systems. Superseding earlier 'hybridised' copper tube standards such as BS EN1057 & BS 2871 Part 1 Table X quoted in HTM 2022 & NHS engineering spec. C11
- Tighter limits on cleanliness determination.
- Improved identification to avoid confusion with similar sizes of water service tube. (EN1057 spec)
- Lawton Tubes were the first British company to be awarded the kitemark licence to supply to this standard over 10 years ago.

Sizes 12 - 108mm copper tubes are stamped with:

- Tube size
- Kitemark
- EN 13348
- Temper
- Manufacturer

In addition 12mm to 28mm sizes are inkjet marked with additional data to enable traceability i.e. date and batch coded.

- Manufacturer
- Date (quarter)

67mm tubes and above are stamped at either end of the tube.

### Medical Grade Degreased Copper Tube – EN13348. Size Range & Details

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Diameter mm	Thickness mm	Length m
12	0.6	6
15	0.7	3 & 6
22	0.9	3 & 6
28	0.9	3 & 6
35	1.0	6
42	1.0	6
54	1.0	6
67	1.2	6
76	1.5	6
108	1.5	6
133	1.5	6
159	2.0	6
219	3.0	6



No KM05892



ISO 9001:2008  
FM00451

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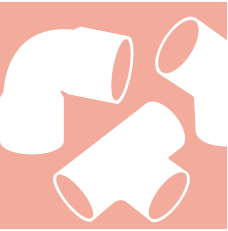
ACCESSORIES



# LAWTON

MED FITTINGS





## Fittings & Accessories

Lawton's end feed fittings, manufactured to BSEN 1254-1; 1998 part 1 are seamless, one piece fittings, which makes them stronger and easier to use.

All fittings are specifically designed for copper medical gas and vacuum systems. We supply individually bagged ex-stock from 12mm up to 219mm.

Munsen rings, used as copper tube supports on ceilings and walls, are available from 12mm to 159mm in single and double M10 threads. Munsen rings, hospital saddle brackets and male and female back plates can all be supplied in brass and chrome finishes to BS1845:1984 CP4

Silver brazing rods are available in 1.5 or 2.5mm thick 600mm rods, silver content can be 5% or 45% and conforms to ISO 17672:2010.

ID Tape is suitable for identifying medical gas pipelines. All colours and designs conform to BS1710:1984, BS 4800. Colour banding should be applied near to valves, junctions, walls etc. A label every 3m should identify each gas and arrow tape showing the flow direction of gas.

### Specific Benefits Include:

Complies to NHS (UK) Health Technical Memorandum 02/01 (HTM2022) and C11.

All fittings supplied contain less than 100mg/m<sup>2</sup> (0.01mg cm<sup>2</sup>) of hydrocarbons on the degreased surface.

Improved identification to avoid confusion with similar sizes of water service fittings.

All items ex-stock and packaging is suitable for exporting.



# LAWTON

TUBES

*The nations copper specialist*



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