



## Premium Solid Brass Tube – 25mm Diameter Ø – Aztec Bronze Light (Price Per Metre)

Variant code: BRR25000ABL

### Premium Solid Brass Tube – 25mm Diameter (Ø)

Elevate your next project with our **Premium 25mm Solid Brass Tube**. Combining timeless aesthetic appeal with industrial-grade durability, this versatile round tubing is the gold standard for architects, interior designers, and precision engineers alike.

Crafted from high-quality **Grade CZ108 (Alpha Brass)**, our 25mm brass pipe offers a perfect balance of strength and workability. Whether you are creating bespoke furniture, high-end retail displays, or decorative architectural handrails, this solid brass tube provides a luxurious, warm golden finish that develops a rich, authentic patina over time.

### Product Specifications

- **Outside Diameter (OD):** 25mm (approx. 1 inch)
- **Material:** Solid Brass (Alloy of Copper and Zinc)
- **Grade:** CZ108 / CW508L (Commonly known as "Common Brass")
- **Finish:** Natural Mill Finish (Ready for polishing, brushing, or ageing)
- **Corrosion Resistance:** Excellent (Suitable for indoor and outdoor use)<sup>3</sup>
- **Workability:** Superior for soldering, brazing, and cold forming

### Why Choose Premium Solid Brass?

Feature	Our Premium 25mm Brass Tube	Standard Lightweight Competitor
Durability	High-density solid alloy;	Thin-walled; prone to



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Aesthetics	resists denting and warping. Genuine CZ108 brass; polishes to a mirror-like shine.	bending under pressure. Often brass-plated steel; finish can flake or rust.
Hygiene	<b>Natural Antimicrobial:</b> Kills 99.9% of bacteria.	Non-microbial surface; requires chemical coating.
Longevity	Lifespan of 40–70 years with minimal care.	Short lifespan; susceptible to internal corrosion.

## Top Applications

- **Interior Design:** Luxury curtain rods, handrails, and balustrades.
- **Furniture Making:** Sleek table legs, lighting fixtures, and decorative trim.
- **Plumbing & HVAC:** High-end exposed pipework and heat exchangers.
- **Restoration:** Period-correct hardware for vintage automotive or marine projects.

## Frequently Asked Questions

1. Is this tube solid brass or just brass-plated?

This is solid brass through and through. Unlike plated alternatives, it can be sanded, machined, and polished repeatedly without losing its golden color or exposing a base metal.

2. How do I maintain the "mirror shine"?

To maintain a high-gloss finish, we recommend using a specialised metal polish like Brasso or Wright's Brass Cream. For a more natural look, allow the brass to oxidise into a deep, antique patina.<sup>5</sup>

3. Can 25mm brass tubing be used outdoors?

Yes. Brass is naturally corrosion-resistant.<sup>6</sup> While it will tarnish faster when exposed to the elements (turning a beautiful dark bronze or "verdigris" green), its structural integrity remains intact even

in moist or coastal environments.<sup>7</sup>

#### 4. Is it easy to cut and join?

Absolutely. Solid brass is a "soft" metal relative to steel, making it easy to cut with a fine-tooth hacksaw or tube cutter.<sup>8</sup> It is also the ideal material for soldering and brazing to create seamless, leak-proof joints.

**Pro Tip:** When measuring for fittings, remember that "Tube" is measured by the **Outside Diameter (OD)**. This 25mm tube is designed to fit precisely with standard 25mm brass connectors and brackets.