



## **PREMIUM Solid Brass Tube – 25mm Diameter Ø – Polished Brass (Price Per Metre)**

Variant code: BRR2500PB

## **PREMIUM Marine Grade 316 Stainless Steel Tube – 25mm Diameter Ø (Price Per Metre)**

Experience superior corrosion resistance and lasting durability with our premium 316-grade stainless steel tube, meticulously crafted to a precise 25mm diameter. Sold conveniently by the metre, this high-quality tubing is the ideal solution for demanding applications where exceptional performance and longevity are paramount.

### **Key Features & Benefits:**

- **Premium 316 Stainless Steel (Marine Grade):** Our tubing is manufactured from Grade 316 stainless steel, often referred to as "marine grade" stainless steel. This alloy features an increased molybdenum content (typically 2–3%), which significantly enhances its resistance to pitting and crevice corrosion, especially in chloride-rich environments like saltwater, coastal areas, and chemical processing plants.
- **Exceptional Corrosion Resistance:** Unlike standard 304 stainless steel, our 316 tube provides superior protection against a wide range of corrosive media, including acids, alkalis, and industrial chemicals. This makes it a reliable choice for challenging outdoor and industrial environments.
- **Optimal 25mm Diameter (Ø):** The 25mm (approx. 1 inch) external diameter is a versatile size, perfect for a multitude of applications. This standard sizing ensures compatibility with a wide range of fittings and connectors.
- **Durable & High Strength:** Engineered for robustness, this stainless steel tube boasts excellent tensile and yield strength, offering reliable performance under pressure and heavy usage. Its inherent strength contributes to a longer lifespan and reduced maintenance.

requirements.

- **Versatile Applications:** This 316 stainless steel tubing is widely used across various sectors due to its superior properties. Ideal for:
  - **Marine & Nautical:** Boat fittings, railings, offshore structures, seawater desalination plants.
  - **Chemical & Petrochemical:** Chemical processing equipment, pipelines for corrosive liquids, storage tanks.
  - **Food & Beverage Industry:** Food processing equipment, brewing facilities, hygienic applications where cleanliness is critical.
  - **Architectural & Construction:** Balustrades, handrails, structural components in coastal or harsh environments, decorative trim.
  - **Medical & Pharmaceutical:** Implants, laboratory equipment, cleanroom environments.
  - **General Industrial:** Heat exchangers, hydraulic systems, pressure vessels, instrumentation.
- **Heat Resistance:** 316 stainless steel offers good resistance to oxidation in intermittent service up to 870°C (1598°F) and in continuous service up to 925°C (1697°F), making it suitable for high-temperature applications.
- **Easy to Fabricate & Maintain:** While incredibly strong, 316 stainless steel tubing can be readily cut, welded, and formed into various shapes. Its smooth, attractive finish is easy to clean and sanitise, minimising maintenance efforts.
- **Sustainable Choice:** As a 100% recyclable material, stainless steel is an environmentally friendly option, contributing to reduced environmental impact.
- **Sold Per Metre:** Purchase only the length you need, offering cost-effectiveness and minimising waste for your specific project requirements.

**Invest in the enduring quality of our 316 Stainless Steel Tube for your next project, ensuring unparalleled performance, longevity, and resistance in even the most demanding conditions.**

