

# 1200 Aluminium Tube

Smiths Advanced Metals

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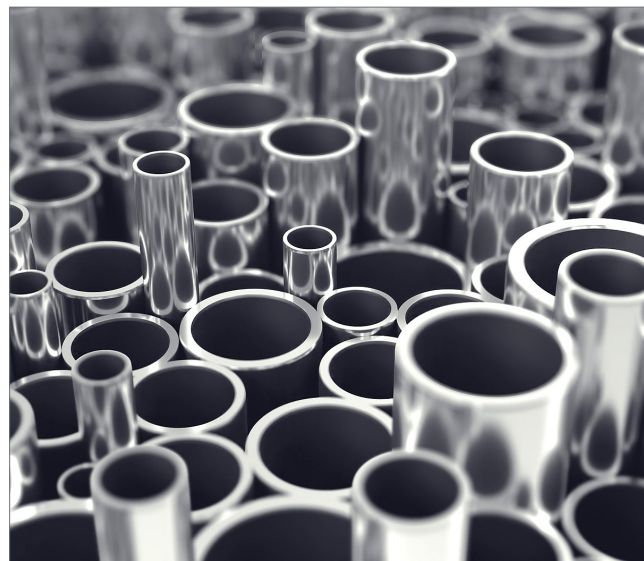
## Low Strength Aluminium Tube

For applications requiring good ductility

1200 aluminium alloy tubes are a low strength tubing option though its strength is slightly higher than 1050A but has a lower conductivity value.

The alloy offers excellent corrosion resistance to chemical and atmospheric attack and has excellent cold-forming properties. The alloy is easily worked and welded. 1200 is classed as a non-heat treatable commercially pure aluminium (also known as a high purity aluminium). Typical applications include heat exchangers, chemical and food processing equipment.

We have stock [1200 aluminium tubes](#) in a seamless cold drawn condition and a wide range of sizes.



### Chemical Composition (weight %)

|      | Si           | Fe | Cu   | Mn   | Zn   | Ti   | Others (ea) | Others (total) | Al  |
|------|--------------|----|------|------|------|------|-------------|----------------|-----|
| min. |              |    |      |      |      |      |             |                | Rem |
| max. | 1.00 Si + Fe |    | 0.05 | 0.05 | 0.10 | 0.05 | 0.05        | 0.15           |     |

### Grades / Specifications

- BS L54
- BS L100
- BS EN 573, BS EN 755, BS EN 754

### Key Applications

- Aerospace components
- Defence components
- High-technology components

### Benefits

- Excellent cold forming
- Hydraulically tested
- Excellent resistance to atmospheric corrosion
- Excellent weldability

### Tube Cutting Service

We offer a complete tube cutting service using a range of in-house equipment. Tubes are cut to tight tolerances to match our clients' needs, and in many cases, this added value service eliminates the need for any additional cutting as the product may meet your size requirements.



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