



## Product Information

### Bronze MN Brazing Rods

Brand: Super 6

### Product Description

The **Super 6 Bronze MN Brazing Rods** (diameter options available, pack size 5kg) are phosphorous bronze filler rods specially formulated for brazing mild steel, copper, and copper alloys. These rods provide excellent wetting and flow characteristics, making them ideal for strong, corrosion-resistant joints. They are commonly used in repair, maintenance, and fabrication, particularly where copper to copper or copper to mild steel joining is required.

### Key Features

- Phosphorous bronze composition for strong, reliable joints
- Superior wetting and flow on mild steel, copper, and copper alloys
- Excellent corrosion resistance and mechanical strength
- Suitable for brazing copper to copper without flux
- Compatible with oxy-acetylene and other torch brazing methods
- Supplied in convenient 5kg packs from Super 6

### Typical Applications

- Plumbing and pipework fabrication
- Automotive and agricultural equipment repair
- HVAC and refrigeration systems
- General metal fabrication and maintenance
- Joining copper to copper and mild steel

### Chemical Composition (% by weight)

| Element        | Typical Content |
|----------------|-----------------|
| Copper (Cu)    | 85 – 88%        |
| Phosphorus (P) | 8 – 10%         |
| Zinc (Zn)      | 1 – 3%          |
| Iron (Fe)      | ≤ 0.5%          |
| Other          | ≤ 0.5%          |





## Physical and Technical Data

| Property                 | Value                                  |
|--------------------------|--|
| Diameter                 | Various (commonly 1.5mm, 2.0mm, 2.4mm) |
| Pack Size                | 5 kg                                   |
| Melting Range            | Approx. 850 – 900°C                    |
| Recommended Brazing Temp | 700 – 800°C                            |
| Flux Type                | Typically requires separate flux       |
| Suitable Brazing Methods | Oxy-acetylene, torch                   |
| Joint Strength           | High mechanical strength               |

## Safety and Handling

- Use in well-ventilated areas to avoid inhaling fumes
- Wear appropriate PPE, including gloves and eye protection
- Follow all applicable health and safety regulations during brazing

**Liability Notice:** Whilst all reasonable efforts have been made to ensure the accuracy of the information contained, this information is subject to change without notice and can be only considered as suitable for general guidance.

