

### Key Facts

- 2% silver content
- Brazing temperature approx 875 C

### Description

An alloy for brazing copper, as well as joining copper to low zinc brass. The phosphorus content allows for flux free brazing of copper to copper, a silver flux is required when joining copper alloys.

### Classification, Approvals & Conformances

AWS A5.8 BCuP6  
 QQB-650C Class BCuP-6

### Applications

Extensively used in the manufacture of hot water tanks and the joining of copper tubing.

Should not be used on ferrous metals or alloys containing more than 10% nickel due to the formation of brittle intermetallic phosphide compounds.

- Joining of copper to low zinc brass
- Copper to copper
- Hot water tank manufacturing
- Plumbing fittings

### Typical Analysis/Composition

Ag - Silver	P – Phosphorus	Cu - Copper	Other
1.8 – 2.2	6.8 – 7.2	Balance	0.15%

### Typical Weld Mechanical Properties

<b>Solidus:</b>	643°C
<b>Liquidus Temp:</b>	782 – 791°C
<b>Brazing Temp:</b>	732 – 816°C

### Packaging & Ordering Information

Size	Weight	Part Number
2.4mm	1kg	300201

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.