

Key Facts

- 45% silver content
- Brazing temperature approx 700 C
- excellent capillary action where components have close fit up
- High strength bond

Description

This is a good general, purpose alloy with a low melting temperature. is the lowest melting brazing alloy available composed of silver, copper, zinc and cadmium. It is suitable for use on most metals except aluminum and magnesium. It also has exceptional strength and a narrow melting range making it ideal for production brazing and maintenance work because of its ease of application.

Classification, Approvals & Conformances

AWS A5.8 BAg-1

Applications

The flux-coated rods are easy to use due to the elimination of pre-fluxing joints and are ideal for joining steel, copper brass and nickel with exceptional strength. Ideal for DIY.

- Ideal for brazing steel and other ferrous metal
- Refrigeration pipe joints requiring high bond
- Fire service fittings

Typical Analysis/Composition

Ag - Silver	Zn - Zinc	Cu - Copper
44.0 – 46.0	15.0 - 7.0	14.0 – 16.0

Typical Weld Mechanical Properties

Solidus:	605°C
Liquidus Temp:	620°C
Brazing Temp:	618-760°C

Packaging & Ordering Information

Size	Weight	Part Number
1.6mm	1kg	300207
1.6mm	6Stk	300207H

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.