



ZincAlu

ZINC - ALUMINUM

DESCRIPTION

Zinc-aluminum alloy flux-cored rod containing a non-corrosive flux for low-temperature soldering of aluminum and most of its alloys, as well as steel, stainless steel, and copper, in both similar and dissimilar metal joints.

CHARACTERISTICS

- No other flux required
- Low bonding temperature
- Easy and quick application
- Less risk of deforming the base metal
- No post-braze cleaning required
- High fluidity and good wettability

TYPICAL APPLICATIONS

Heat exchangers, refrigeration and brazing of air-conditioning systems, aluminum condensers, radiators, aluminum pipe fittings, etc. **Not intended for aluminum-magnesium alloy.**

PROCEDURE

Clean the surface to be brazed removing all grease, oil and dirt. Heat the parts up to 440°C (824°F) and melt the rod into the joint. Fill in the joint and keep the flame slightly away from the base metal.

MECHANICAL PROPERTIES

Tensile strenght: 110 - 150 MPa (15 955 – 21 756 lb/po2)
Yield strenght: 80 - 120 Mpa (11 603 – 17 405 lb/po2)

BRAZING PARAMETERS

Diameter: 1.2 mm (.045") 1.6 mm (1/16") 2.5 mm (3/32")
Bonding temperature: 430 - 440°C (806 - 824°F)
Type of flame: Slightly carburizing

Rév.: 26_07

Specialized welding alloys and technology. For technical assistance or for ordering :

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