

HABCO AL 447

EXTREMELY LOW TEMPERATURE ALLOY FOR JOINING ALUMINUM AND ALUMINUM TO ALL OTHER METALS

FEATURES

HABCO AL 447 has a low melting point and a thin flowing characteristic. It is easy to use for seals and cracks, and works well on zinc base die castings. **HABCO AL 447** provides good color match.

APPLICATIONS

HABCO AL 447 was developed for easy joining of aluminum sheets, tubing and castings. **HABCO AL 447** is a low temperature solder and will join aluminum to copper, brass, stainless steel, etc. because of the low melting temperature. There is no danger of melting the aluminum base metal. This makes it ideal for use on white metal or zinc base die-castings.

INSTRUCTIONS

Clean joint thoroughly. Apply **HABCO FX 840** Flux (no flux necessary on clean aluminum to aluminum). If heating with an open flame, apply heat indirectly, avoiding contact with flux. Apply alloy when flux boils. Avoid over-heating and charring flux. Remove flux residue with hot water.

FLUX

Habco FX 840

Tensile Strength: 7,000 Psi (5 kg/mm²)

Flame Recommendation: Carburizing Flame

Working Temperature: 320°F (160°C)

**Diameters: (in) 1/8
(mm) 3.25**