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Kapp Alloy15™

Description

KappAlloy15™ is a soft Tin-Zinc solder that provides more flexibility when hand soldering Aluminum to Aluminum, Aluminum to Brass, and Aluminum to Copper. This solder gives you a slushy range of 390-500°F (199-260°C) to manipulate your parts before it solidifies completely during cooling, making it ideal for hand soldering Aluminum plates and parts. **KappAlloy15™** is used less often in electrical connections in order to minimize the heating of electrical/electronic parts and adjacent components.

Applications

- Hand soldering Aluminum plates and parts, allows manipulation of the parts as the solder cools
- Hand soldering structural joints
- Paired with Kapp Golden™ Flux

Properties

Composition	
Sn (Tin):	85%
Zn (Zinc):	15%
Technical Data	
Melting Range:	390-500°F (199-260°C)
Tensile Strength:	Up to 20,000 psi (Aluminum to Aluminum)
Elongation in 2":	5%

Product Variants

***Available in standard forms:** 1/32" (0.031") (0.8mm), 1/16" (0.062") (1.6mm), 1/8" (0.125") (3.2mm). Custom alloys and forms are our specialty. Call a Kapp representative to discuss what size and diameter are right for you.

Matching Kapp Golden™ Flux

Kapp Golden™ Flux has been designed specifically for soldering Aluminum-to-Aluminum and Copper. It is used on Aluminum-to-Aluminum or Aluminum-to-Copper wire pigtail splices, and for Aluminum to Copper, Brass or plated terminals and hot dip coating of Aluminum cable connectors to provide a low resistance contact surface. Residue is electrically conductive and slightly corrosive. Any flux residue should be removed with warm water or alcohol and a clean rag. **Golden flux will char at temperatures above 550°F. DO NOT OVERHEAT FLUX.**