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KappZapp7™

Description

KappZapp7™ Tin-Silver solder is an audio industry standard for vehicle and home theater speaker installations. Its 7% Silver content requires a higher soldering temperature, but offers superior strength, conductivity, and vibration resistance over both KappZapp3.5™ and KappZapp4™. **KappZapp7™** is NSF Certified Lead-free.



Certified to
NSF/ANSI 61 & 372

NSF International certifies that this product complies with NSF/ANSI Standard 372: Drinking Water System Components – Lead Content. Product also Certified to NSF/ANSI 61, Annex G and conforms with Lead content requirements for “Lead-free” plumbing as defined by California, Vermont, Maryland, and Louisiana state laws and the U.S. Safe Drinking Water Act in effect as of January 4, 2014. Weighted average lead content < 0.25%; Solder and flux lead content < 0.20%. This alloy complies with the European RoHS and REACH directives. No lead, cadmium or mercury used in production.

Applications

- Car audio and home theater installations
- Highest Strength and Vibration Resistance Stainless Steel to Copper solder available
- Preferred choice when higher strength and conductivity are required
- Paired with [Kapp CopperBond™ Flux](#)
- Also available in a convenient one-step [KappZapp7R™ Rosin Core solder](#)

Properties

Composition	
Sn (Tin):	93%
Ag (Silver):	7%
Technical Data	
Melting Range:	430-570°F (221-299°C)
Tensile Strength (Copper):	15,500 psi
Tensile Strength (Stainless Steel):	31,000 psi
Shear Strength:	14,000 psi
Elongation:	49%
Electrical Conductivity:	20.1%

Product Variants

*Available in standard forms: 1/32” (0.031”) (0.8mm), 1/16” (0.063”) (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 Flux

- [Kapp CopperBond™ Flux](#)