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KappLead™ Solders

Description

KappLead™ Tin-Lead solders provide economical joints to most electronic applications. Kapp Alloy uses only 99.999% pure virgin Lead, providing outstanding flow and consistency. Our high purity solders and fluxes result in fewer failed parts and stronger, more ductile joints.

KappLead40™ is the Stained Glass industry standard™ for sensitive restorations and new installations.

As our customers move away from solders containing Lead, Kapp Alloy offers a full line of Lead-free equivalents. Our **KappZapp™** Silver solders are designed specifically to replace **KappLead™** solders in high-stress and high-vibration applications. **KappFree™** solder was designed specifically to replace **KappLead™** solders in plumbing, food processing and potable water applications.

Benefits & Uses

KappLead's low application temperatures and excellent flow characteristics prevent loss of properties and minimize distortion of critical electronic parts. Excellent for use in production processes like wave soldering of circuit boards and hand soldering delicate electronic components.

Properties

Technical Data	
Composition (%):	Melting Range:
63 Sn/37 Pb	Eutectic @ 361°F (183°C)
60Sn/40Pb	361-370°F (183-191°C)
50Sn/50Pb	361-421°F (183-191°C)
40Sn/60 Pb	361-460°F (183-238°C)
Sn = Tin, Pb = Lead	

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 Kapp Alloy to discuss what size and diameter are right for you.

Matching Flux

- **[Kapp Golden™ Flux](#)** - for Aluminum alloys
- **[Kapp Comet™ Flux](#)** - for alloys other than Aluminum