

The Best way to Solder? Hot Plate to the rescue! (DIY or Buy)



- Lead-free soldering paste can effectively prevent errors in printing and preheating. The operating temperature of the product is 158 to 168 °C and the viscosity is 100 % brand new and of high quality. Please note: the exact production date is prescription~ (the production date in the picture is only the product batch at the time of recording, not all products have the same date as the picture)
- Lead-free soldering paste is colourless and transparent, does not affect the electrical test and is easy to clean. The melting point of the product is 138 °C and the alloy composition is Sn42 Bi58.
- Lead-free soldering paste has a bright and full soldering point, low smoke and no unpleasant smell. Gives you a pleasant and healthy feeling. The performance is reliable.
- Lead-free soldering paste is easy to dry and has a binding time of more than 48 hours. Widely used in all kinds of electronic products.
- Lead-free soldering paste, healthy and environmentally friendly. Don't worry about pollution and harm your health. Lead-free soldering paste can significantly solve this problem

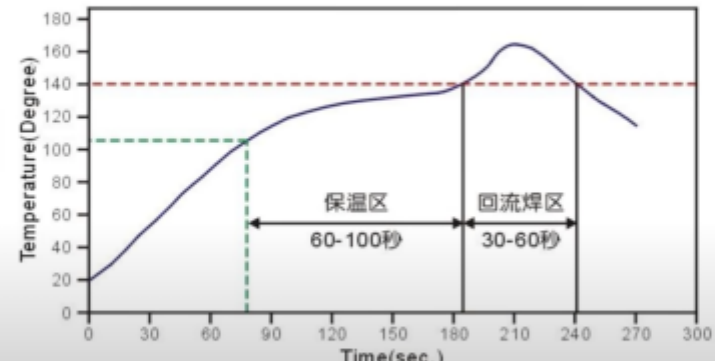
Roll over image to zoom in

The Best way to Solder? Hot Plate to the rescue! (DIY or Buy)

Allowing choice of size for Low Temperature Solder Paste

| Heating rate | The Time Required to 120 °C | Constant Temperature 80 - 130 °C | Peak Temperature | > 180 °C | Cooling Rate |
|--------------|-----------------------------|----------------------------------|------------------|-------------|--------------|
| 1-3 °C/sec | < 60—90secs | 60—120secs | < 170 ±5 °C | < 40—80secs | <4 °C / S |

Recommended reflow process parameters



Temperature(Degree)

Time(sec.)

保温区 60-100秒

回流焊区 30-60秒

Feature of Sn42Bi58 solder paste

Reduces thermal damage to components and substrate

Energy saving is not the only benefit of a low temperature reflow profile. A low temperature profile

From: <https://kornequipped.com/mywiki/> - KornEquipped

Permanent link: https://kornequipped.com/mywiki/doku.php?id=smd_reflow_solder_specs

Last update: 2026/01/30 22:44

