Solder Paste No-Clean Sn63/Pb37 in 5cc Syringe 15g T3 Mesh

Product Highlights

Printing speeds up to 100mm/sec　　　　　　　　Excellent wetting compatibility on most board finishes
Long stencil life　　　　　　　　　　　　　　　　Dispense grade
Wide process window　　　　　　　　　　　　　Compatible with enclosed print heads
Clear residue　　　　　　　　　　　　　　　　　Passes BONO test
Low voiding

Specifications

Alloy:	Sn63/Pb37
Mesh Size:	T3
Micron (μm) Range:	25-45
Flux Type:	Synthetic No-Clean
Flux Classification:	REL0
Metal Load:	88% Metal by Weight
Melting Point:	183°C (361°F)
Packaging:	5cc/15g Syringe
Shelf Life:	Refrigerated >12 months, Unrefrigerated >6 months　*See notes below:

*Shelf Life Notes: Chip Quik® solder paste is good past its quoted shelf life, regardless of refrigeration. Before use, visually inspect the solder paste to ensure it is not dried out or clumpy, or check stencil release. If stored in a jar, stir the product thoroughly for 2-3 minutes before inspection and use.

Chip Quik® solder paste is manufactured using Made in USA high quality synthetic flux and precision atomized metal powder. Chip Quik® solder paste is guaranteed for 12 months from date of manufacture, regardless of refrigeration. If you have any issues with our solder paste, please contact Chip Quik® directly for no charge warranty replacement. Please retain original bill of sale, and solder paste in original container as we may request its return for internal R&D testing purposes.

Printer Operation

Print Speed: 25-100mm/sec
Squeegee Pressure: 70-250g/cm of blade
Under Stencil Wipe: Once every 10-25 prints, or as necessary

Stencil Life

>8 hours @ 20-50% RH 22-28°C (72-82°F)
>4 hours @ 50-70% RH 22-28°C (72-82°F)

Stencil Cleaning

Automated stencil cleaning systems for both stencil and misprinted boards. Manual cleaning using isopropyl alcohol (IPA).

Storage and Handling

Refrigerate at 3-8°C (37-46°F). Do not freeze. Allow 4 hours for solder paste to reach an operating temperature of 20-25°C (68-77°F) before use.

Transportation

This product has no shipping restrictions. Shipping below 0°C (32°F) or above 25°C (77°F) for normal transit times by ground or air will not impact this product's stated shelf life.

Recommended Profile

Reflow profile for Sn63/Pb37 solder assembly, designed as a starting point for process optimization.
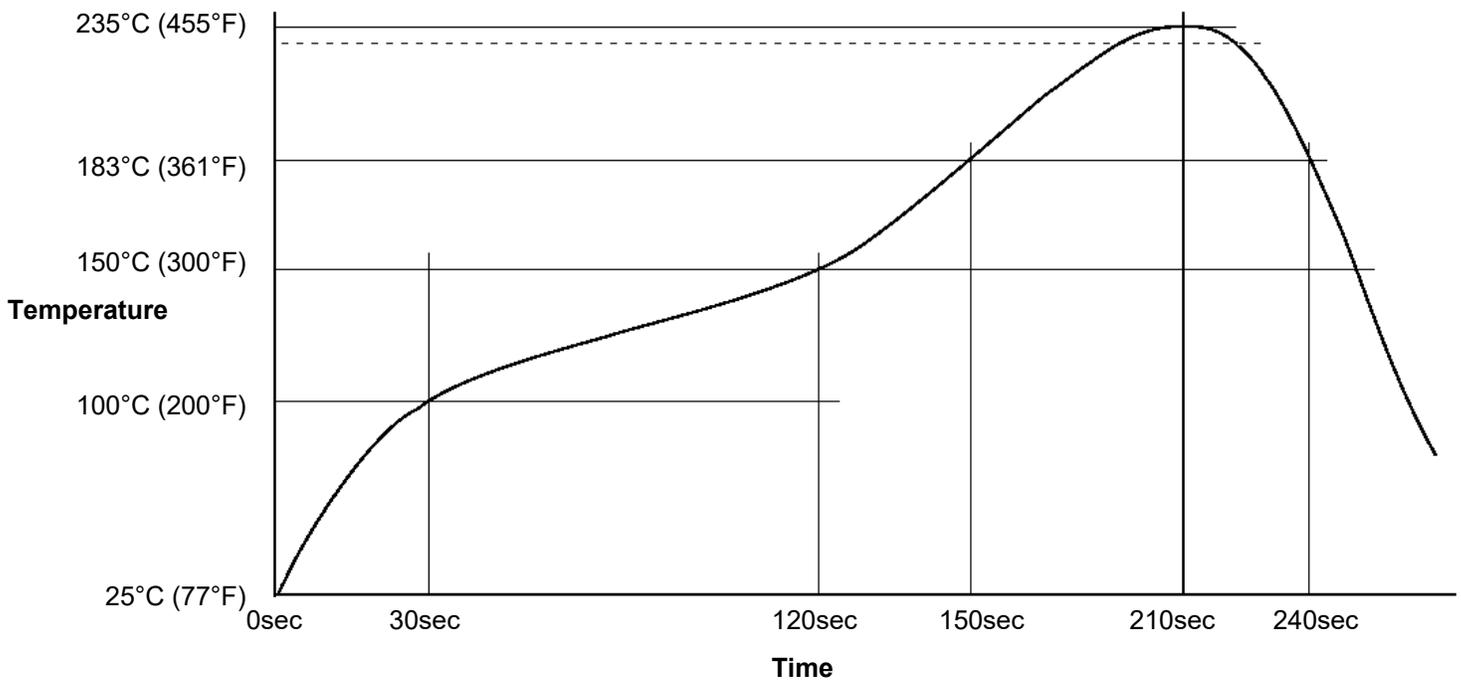
Test Results

Test J-STD-004 or other requirements as stated	Test Requirement	Result
Copper Mirror	IPC-TM-650: 2.3.32	L: No breakthrough
Corrosion	IPC-TM-650: 2.6.15	L: No corrosion
Quantitative Halides	IPC-TM-650: 2.3.28.1	L: <0.5%
Electrochemical Migration	IPC-TM-650: 2.6.14.1	L: <1 decade drop (No-clean)
Surface Insulation Resistance 85°C, 85% RH @ 168 Hours	IPC-TM-650: 2.6.3.7	L: ≥100MΩ (No-clean)
Tack Value	IPC-TM-650: 2.4.44	44g
Viscosity – Malcom @ 10 RPM/25°C (x10^{3}mPa/s)	IPC-TM-650: 2.4.34.4	Print: 210-300, Dispense: 100-140
Visual	IPC-TM-650: 3.4.2.5	Clear and free from precipitation
Conflict Minerals Compliance	Electronic Industry Citizenship Coalition (EICC)	Compliant
REACH Compliance	Articles 33 and 67 of Regulation (EC) No 1907/2006	Contains Lead (Pb) CAS# 7439-92-1 No other SVHC present

Conforms to the following Industry Standards:

J-STD-004B, Amendment 1 (Solder Fluxes):	Yes
J-STD-005A (Solder Pastes):	Yes
J-STD-006C, Amendments 1 & 2 (Solder Alloys and Fluxed/Non-Fluxed Solders):	Yes
RoHS 2 Directive 2011/65/EU:	No

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Soldering Flux *category:*

Click to view products by Chip Quik *manufacturer:*

Other Similar products are found below :

8351-1L 8351-125ML 051-0001 051-0002 051-0003 051-0007 051-0008 051-0009 053-1000 053-1001 053-1002 053-1003 8342-50G ART.AGT-088 270WR ART.AGT-089 ART.AGT-094 ART.AGT-179 CW8100 SSS500ML 63-0000-0186 63-0000-0951 63-0000-0977 63-0000-1544 83-1000-0186 83-1000-0951 83-1097-2331 8341-10ML 835-100ML SF-01 SF-02 CW8700 FL22W SMD291SNL50T3 SMD291AX50T3 SMD291/30CC CQ2LF CQ4LF CQ4LF-0.5 CQ4LF-1.0 SMD291 SMD29175G SMD291AX SMD291AX10 SMD291AX250T3 SMD291NL SMD291ST2CC6 SMD291ST8CC SMD4300TF CW8100