



Sn97/Cu3 LEAD FREE SOLDER

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Physical Properties

Solder Composition

Qualitek Sn97/Cu3 is a high temperature lead-free alloy. The Qualitek Sn97/Cu3 alloy conforms and exceeds the impurity requirements of J-Std-006 and all other relevant international standards.

Typical Analysis													
Sn	Cu	Ag	Pb	Sb	Bi	In	As	Fe	Ni	Cd	Al	Zn	Au
Bal	2.7-3.3	0.030 Max	0.050 Max	0.050 Max	0.050 Max	0.050 Max	0.010 Max	0.010 Max	0.005 Max	0.001 Max	0.001 Max	0.001 Max	0.002 Max

	Sn97Cu03
Melting Point, ° C	227-320
Hardness, Brinell	11HB
Coefficient of Thermal Expansion	Pure Sn= 23.5
Density, g/cc	7.34

Handling & Storage

Solder bar storage should be in a 65-80°F environment away from direct heat. When directly handling solder bar it is recommend to use appropriate gloves. Solder bar has an indefinite shelf life.

Packaging

Sn97Cu3 solder bars are available in

- Box of 20-2.2lb bar (1 kg) Kilobar
- Box of 5-11 lb bars (kg) Equalizer