



LEAD FREE ALLOY

Sn96.5 Ag3.5

96S LEAD FREE ALLOY – Eutectic alloy for soldering printed circuits, produced from very high quality metals

Chemical Characteristics

Amount of Tin:	96.5%
Amount of Silver:	3.5%
Tin and Silver for first melting purity:	>99.95%.

Maximum content of impurities: see below:

Cd	Cu	Sb	Bi
<0.002%	<0.05%	<0.05%	<0.01%

Fe	Zn	Al	As
<0.02%	<0.001%	<0.001%	<0.01%

Pb	Other
<0.05%	<0.05%

Physical Characteristics, standard:

Melting point	221°C Eutectic.
Specific weight	7.3
Working temperature	300 to 450°C.

Supplied as:

Bars	Extruded bars or sticks in cartons of 20 Kg (Exact Tare weight stated on carton).
Wire	On spools of 500gm, 1kg, 3kg, 15 Kgs. (others please contact us)
Quality Insurance	Certificates of conformity can be supplied with each lot if required.
Labelling	Cartons/containers labels show manufactured Lot Number and Alloy.

Storage:

- Original packaging at an average temperature of 20°C
- 12 months for flux cored wires.