

Update: 20/07/2020	<b>TECHNICAL DATA SHEET</b>	
Ref: Alloy	LEAD FREE Alloy	
Created on: 20/02/2003	<b>Sn96.5Ag3.5</b>	



### **GENERAL CHARACTERISTICS:**

Eutectic alloy for soldering printed circuits, produced from very high quality metals. Conform to standard ISO 9453 : alloy n° 703 and is also J-STD 006 compliant.

### **CHEMICAL CHARACTERISTICS:**

Amount of Tin : Rest  
Amount of Silver : 3.5 % ± 0.2%  
Material global purity : **99.95%**

### **PHYSICAL CHARACTERISTICS:**

Melting point : Eutectic 221°C  
Specific weight : 7.38 g/cm<sup>3</sup>  
Working temp. : 300°C to 450 °C

### **PACKAGING / STORAGE:**

Bars : Extruded Bars or Sticks in cartons of 20kg (exact tare weight stated).  
Solder wire : Various types of reels available adapted to Customer's needs.  
Depending on diameter and length.  
Other product shape : On request  
Storage : In original packaging at room temperature for 24 months.

### **SAFETY:**

Material Safety Data Sheet available on request. Please consult it before use.

### **ADDITIONAL INFORMATION:**

Our manufacturing processes have been subjected to FMECA analysis (equivalent of AMDEC in France). Quality Certificate available on request.



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