

# RESISTANN®

Resin cored soldering wires

Omodeo solder wire "RESISTANN" is produced in different types with 3 cores of flux :

-Standard wires with a flux content from 2 to 2.7 % :  
CWR - SE - SE14 - SR -SS

-MICRO wires with a flux content from 1.2 to 1.5%  
CWR - SE - SR

**CWR type** : With a 2.2 % resin core, is mildly activated specifically for automatic lines; it shows its best characteristics at high temperatures giving fluidity to the alloy and leaving a negligible residue.

**SE type** : With a 2.7% resin core mildly activated, it is suitable for general use and leaves a dry and non corrosive residue. In comparison with CWR type, it is suitable for lower temperatures.

**SE14 type** : with a 2.5% activated resin flux. The core is the same as Se type, but with a higher activation due to the addition of halogens. It is suitable on surfaces difficult to be soldered, or when a high speed of operating is needed.

**SR type** : It has a 2% resin core, which in spite of its mild activation , gives good results either on oxidised parts, or surfaces difficult to be soldered, like brass or nickel plated components. Resistivity of dry residue >300000 ohm cm.

**SS type** : With 2.5% resin core. The resin has a fragrance in order to avoid unpleasant odour during the soldering operations, and it is suitable for electromechanical applications.

**MICRO wires** : Has a low residue which does not require washing. This wire is used for the re-working of clean circuits (or on parts which must not be washed) and contain the same resin cores as other standard wires, but in lower quantity.

SR MICRO = 1.2% - CWR MICRO = 1.4% - SE micro =1.5%



ALLOY	CWR	SE	SE14	SR	SS	MICRO			MELTING POINT	STANDARD DIAMETERS
						CWR	SE	SR		
Sn63-Pb37 QQS	x			x			x		183	0,3-0,5-0,8-1-1,2 mm
Sn60-Pb40	x	x	x	x	x	x	x	x	183-189	from 0,3 to 3 mm
Sn50-Pb50	x	x	x	x	x				183-213	from 0,8 to 3 mm
Sn40-Pb60		x		x					183-245	from 1 to 3 mm
LUNAR		x							177-208	1 - 1,5 - 2 mm
LEGF 145				x					145	0,8 - 1 - 1,5 - 2 mm
Sn62,5-Ag1,4-Pb				x					179	from 0,5 to 3 mm
Sn62-Ag2-Pb				x			x		179-183	from 0,5 to 3 mm
Sn96,5-Ag3,5				x					221	from 0,5 to 3 mm
Sn95-Ag5				x					221-240	from 0,8 to 3 mm

In the above table you can see some of our common wire production. On request we can produce any Tin based alloy with a melting point between 140 and 300°C

STANDARD PACKINGS: wires from 0.3 to 0.8 mm - spools of 0.5 and 1 Kg.

wires from 1 to 3 mm - spools of 0.25 - 0.5 - 1 - 3 - 5 Kg.

® = Trade mark

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