

SOLID WIRES AND EXTRUDED STICKS

FEATURES

We only use first quality raw materials: different alloys are available, both lead bearing (Sn/Pb) and **lead-free (Sn/Cu, Sn/Ag/Cu)**

The high purity of our alloys reduces scrap production and allow efficient soldering processes.

Solid wires are available in all diameters from 1 to 5 mm. (upon request under 1 mm.) and in 500 gr., 1 Kg., 3 Kg, and paper wrapped 5 Kg. Rolls.

Our alloys comply to ISO 9453 : 2014(E).

USE

Solid wires, as well as solder sticks, need to be used with liquid or pasty fluxes. They are used in different applications , as:
automatic feeding of solder pots, selective soldering, structural joint (copper tubes) and chill industry.

EXTRUDED STICKS

They are produced in different Sn/Pb, Sn/Pb/Ag alloys, according ISO 9453:1990 (E).

Standard sizes:

Section: rectangular

Length : 200 mm. ca.

Weight : gr. 50—60 ca. depending on the alloy

Below you can find the main available alloys.

Other alloys available upon request.

ALLOY	NORM	ID. LEGA	DIXTRA STICKS	DIXTRA SOLID WIRES	Melting Temperature
5Sn95Pb	ISO 9453	123		X	300-314
8Sn92Pb	ISO 9453	124		X	320-325
15Sn85Pb	ISO 9453	121		X	226-290
20Sn80Pb	ISO 9453	117		X	183-280
30Sn70Pb	ISO 9453	116	X	X	183-255
35Sn65Pb	ISO 9453	115	X	X	183-245
40Sn60Pb	ISO 9453	114	X	X	183-238
50Sn50Pb	ISO 9453	112	X	X	183-215
60Sn40Pb	ISO 9453	104	X	X	183-190
63Sn37Pb	ISO 9453	102	X	X	183
63Sn35Pb2Ag	ISO 9453	171		X	179
A TEM	-	-	X	X	183-255
46,5Sn50Pb3,5Ag				X	
49Sn49Pb2Ag				X	
5Sn93,5Pb1,5Ag	ISO 9453	191	X	X	296-301

LEAD FREE SOLID WIRES AND STICKS

99Sn	IEC 61190-1-3	-	X	X	232
97Sn3Cu	ISO 9453	402	X	X	227-310
95Sn5Sb	ISO 9453	201		X	230-240
95Sn5Ag	ISO 9453	704		X	221-240
96,5Sn3,5Ag	ISO 9453	703		X	
97Sn3Ag	ISO 9453	702		X	221-230
99,3Sn0,7Cu	ISO 9453	401	X	X	227
99Sn0,3Ag0,7Cu	ISO 9453	501	X	X	217-227