



SMA SOLDER WIRE



Introduction:

A technical look at *SMA' range of Solder Wires, Fluxes and other allied products, manufactured under the competent eyes of our R&D staff for the quality conscious customers.

'SMA' Solder Wire/ Stick:

SMA SOLDERS are in the form of a continuous wire in different grades and gauges as per specification with Five Three/ Single Cores / Core of high quality flux, running throughout its length, and can also be supplied in the form of Stick / Bar, in different grades as per specification.

Technical Specifications for 'SMA' Solder Wire/ Stick:

Grade	Tin	Lead	Melting Temperature		Specific Gravity	Electrical Conductivity % of Copper	Typical Application
			Solidius	Liquidiug			
63/ 37	63	37	183°C	183°C	8.42	11.9	For soldering of electrical connection to copper, soldering of electronic assemblies, soldering in manufacture of electronics compo - nents, machine soldering of printed circuit etc.
60/ 40	60	40	183°C	188°C	8.52	11.6	
50/ 50	50	50	183°C	212°C	8.89	11.0	
40/ 60	40	60	183°C	234°C	9.28	10.3	
35/ 65	35	65	183°C	244°C	9.47	9.6	For general engineering work on copper, brass, zinc and in can - soldering.
30/ 70	30	70	183°C	255°C	9.66	9.3	
20/ 80	20	30	183°C	276°C	10.04	9.8	For jointing of electrical cable sheaths and plumbing joints.
10/ 90	10	90	268°C	299°C	10.50	-	
5/ 95	5	95	270°C	312°C	11.00	8.8	For Lamp Industry.

Note: Maximum impurities: Arsenic 0.05%: Iron 0.02%: Copper 0.3% of the tin content.

Technical Specifications for 'SMA' Silver, Solder Wire:

Grade	Tin	Lead	Silver	Melting Temperature		Typical Application
				Solidius	Liquidiug	
Sn-Pb-Ag	62	36	2	178°C	178°C	Due to its superior wetting properties and low melting point, it is used in professional electronics and component-assembling.