



PRODUCT DATA SHEET

No-Clean Cored Solder

January, 2010

DESCRIPTION

- ◆ **IF14Sn63** No-Clean cored solder was designed to provide **fast wetting** with minimal amount of flux residue. Residues can be brushed off with a dry brush “**no solvents or cleaning liquids required**”. Its flux core is based on the highly successful IF2005Mz liquid flux technology and is **halide free**. Made from metals that meet or exceed the QQS-S-571 requirements for impurity levels. IF14 meets Bellcore specifications (test results available upon request).
- ◆ **IF14Sn63** is supplied in a 63/37 alloy. Standard diameters are listed below.
- ◆ **IF14Sn63** is manufactured to **very high** standards which assures the user of consistent performance within each roll and roll-to-roll. The use of "state of the art" equipment also assures an even wind on each roll, thus minimizing costly core solder-tangles with automatic dispensers.

PHYSICAL PROPERTIES

Standard alloy	Sn63/Pb37	
Melting Point	362°F	183°C
Standard roll size	1.1lbs.	500gr.
Standard diameters and part No.	146315 .015" 146320 .020" 146330 .030" 146340 .040" 146362 .062"	0.35mm 0.5 mm 0.7 mm 1.0 mm 1.5 mm
Flux percentage	1.4 - 2.0%	
IPC J-STD-004	RELO	

SAFETY **IF14Sn63** as all standard electronic alloys contains lead. See the Material Safety Data Sheet for the appropriate safety procedures.

PACKAGING **IF14Sn63** is supplied on 500 Gr. - 1.1 lb. spools in a box of 12. except .015" diameter rolls are supplied on .22 lb. - 100 Gr. spools.

STORAGE **IF14Sn63** is recommended to be stored at temperatures no higher than 30°C - 85°F. Under those conditions there is no deterioration of the product quality and performance.

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