



# PRODUCT DATA SHEET

## No-Clean Cored Solder (lead-free)

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### DESCRIPTION

- ◆ **IF14Sn96** No-Clean cored solder was designed to provide **good 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**. The IF14 flux meets Bellcore specifications (test results available upon request).
- ◆ **IF14Sn96** is supplied in a 96/4 **lead-free** alloy. Standard diameters are listed below.
- ◆ **IF14Sn96** 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 Lead Free alloy | Sn96/Ag4                                  |  |
|--------------------------|---|--|
| Melting Point            | 430-444 °F                                | 221-229 °C                                       |
| Standard roll size       | 1.1lbs.                                   | 500gr.   |
| Standard diameters       | .015"<br>.020"<br>.030"<br>.040"<br>.062" | 0.35 mm.<br>0.5 mm<br>0.7 mm<br>1.0 mm<br>1.5 mm |
| Flux percentage          | 1.4 - 2.0%                                |  |
| IPC J-STD-004            | RELO                                      |  |

**SAFETY** See the Material Safety Data Sheet for the appropriate safety procedures.

**PACKAGING** **IF14Sn96** is supplied on 500 Gr. - 1.1 lb. spools in a box of 12. except .015" diameter rolls are supplied on 100 Gr. - .22 lb. spools.

**STORAGE** **IF14Sn96** 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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