AMTECH
Advanced SMT Solder Products

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An ISO 9001 Certified Company

Product Data Sheet

LF-4300 Solder Wire

Product Description

AMTECH LF-4300 solder wire is a water washable no-clean core wire, designed for lead-free alloys. LF-4300 was designed for hand soldering and re-work applications. The core provides sufficient activity to solder successfully to bare copper and other hard to solder surfaces. The residue is a light amber color.

Physical Properties

Standard Alloys: Sn96.5/Ag3.5, Sn96.5/Ag3.0/Cu.5 & Sn99.3/Cu.7.
Standard Roll Size: 1 LB
Flux Percentage: 1.1, 2.2 & 3.3%
Standard diameters: .010", .015", .020", .025", .031", .062"
Temperatures: Sn96.5/Ag3.0/Cu.5:Non Eutectic @ 217 - 219°C
Sn96.5/Ag3.5: Eutectic @ 221°C
Sn99.3/Cu.7: Eutectic @ 227°C

Other Alloys and Diameters are available upon request

Test Results

Halide Content	Passes Silver Chromate Paper Test
Corrosivemess	Passes Copper Mirror Test
Electromigration	Passes Bellcore visual and
SIR OHMS (7 days @ 85C-85% R.H.)	10^{10}
Bellcore TR-NWT-000078	Meets Requirements
Ansi/J-STD-004	Meets Requirements
Flux Designation	REL0

Safety

See the material safety data sheet for the appropriate safety procedures.

Packaging

Standard 1 lb. spools

Storage

The expected shelf life is at least 12 months when stored in normal conditions.

Rev: 05/10

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