

## 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: .014", .016", .018", .020", .024", .025"

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

#### Test Results

Halide Content	Passes Silver Chromate Paper Test
Corrosiveness	Passes Copper Mirror Test
Electromigration	Passes Bellcore visual and
SIR OHMS (7 days @ 85C-85% R.H.)	10 <sup>10</sup>
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 36 months when stored in normal conditions.

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