

# AMTECH

**Advanced SMT Solder Products**

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An ISO 9001 Certified Company

## Product Data Sheet

### No-Clean Low Residue Solder Wire (NC-61)

#### Product Description

AMTECH No-Clean solder wire (NC-61) is a low residue flux core solder, 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 blend of resin and polymer dendrimer activator provides rapid wetting, with a clear non-corrosive residue.

#### Physical Properties

Standard Alloys: Sn63/Pb37, Sn62/Pb36/Ag2, Sn96.5/Ag3.5, Sn96.5/Ag3.0/Cu0.5 and Sn97/Cu3.  
Standard Roll Size: 1 LB  
Flux Percentage: 1.1, 2.2, & 3.3%  
Standard diameters: .010", .015", .020", .025", .031", .040", .062", .080" and .125"

#### Test Results

Halide Content	Pass
Silver Chromate Paper	Pass
Corrosion	Pass
Polyglycols	None
Water Extract Resistivity (ohm-cm)	32,000
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.

The information contained herein is based on technical data that we believe to be reliable and is intended for use by persons having technical skill, at their own risk. Users of our products should make their own tests to determine the suitability of each product for their particular process. AMTECH will assume no liability for results obtained or damages incurred through the application of the data presented.

Rev. 05/10

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