

## Product Data Sheet

### RMA Solder Wire (WRMAP)

#### Product Description

AMTECH RMA solder wire (WRMAP) is an RMA core solder, which conforms to ANSI/J-STD-004-006 and is 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: Sn63/Pb37, Sn62/Pb36/Ag2,  
Sn96.5/Ag3.5 and Sn96.5/Ag3.0/Cu0.5  
Standard Roll Size: 1 LB  
Flux Percentage: 1.1, 2.2 & 3.3%  
Standard diameters: .010", .015", .020", .025", .031", .040"  
.062"  
Temperatures: Sn63/Pb37: Eutectic @ 183°C  
Sn62/Pb35/Ag2: @ 179°C  
Sn96.5/Ag3.5: Eutectic @ 221°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 Electrical requirements
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	ROL0

#### 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.

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