

## High Purity Wire Solder

Metallic Resources' high purity No-Clean Sn63 Cored Wire Solder is manufactured with a synthetic resin-based void-free Halide-Free flux core. Standard packaging is one-pound spools in .032" or .062" thickness. Metallic Resources' wire solder is manufactured to exceed most common specification requirements, including: ASTM (American Society for Testing Materials), IPC (Association Connecting Electronics Industries), and Military and DOD requirements.

## Superior Quality

Metallic Resources unique electrolytic solders outshine all others to provide greater cost effectiveness, higher finished goods quality, and superior production line performance. No-Clean Cored Wire Solder is ideally suited for manual assembly SMT, hybrid, and through hole touch up and repair applications.

## Exceeds Industry Standards

IPC J-STD-004  
Type RELO flux classification.

## Physical Properties

<b>Melting Point</b>	361°F
<b>Density</b>	8.39 g/cm <sup>3</sup>
<b>Tensile Strength</b>	7,700 psi
<b>Tensile Elongation</b>	32%
<b>Thermal Conductivity</b>	50.03 W/m•K
<b>Electrical Resistivity</b>	0.0000145 Ohm-cm

The product shelf life is indefinite when stored in a clean, dry area (72°F ± 10°F) away from moisture and sunlight. Do not store near fire or flames. No-Clean cored wire has no odor when in use.

## Reduces Cleaning Costs

No-Clean cored wire solder promotes superior solder penetration into plated through holes or surface mount interconnections drastically reducing or eliminating cleaning costs. With low to moderate post-process residues that are electrically safe, it is operator friendly and can easily be substituted for any RMA cored wire solder application. Residue that is left is clear and hard, leaving no visible or sticky residues.



**Metallic Resources, Inc.**

Ph: 330.425.3155 | Fax: 330.425.2180  
2368 E. Enterprise Parkway | Twinsburg, OH 44087

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