

High Purity Wire Solder

Metallic Resources' high purity water soluble organic acid Sn63 Cored Wire Solder is manufactured with a void-free flux core and uses a halide activated system neutralized with an amine. 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 (Institute for Interconnecting Electronics Industries), and Military and DOD requirements.

Wide Range of Uses

Water Soluble Cored Wire Solder is ideally suited for a wide range of manual soldering of electronic assemblies and repair work where water cleaning is allowed.

Exceeds Industry Standards

IPC J-STD-004
Type ORH1 flux classification.

Physical Properties

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

The post-process flux residue is readily soluble in hot water to drastically reduce cleaning costs. Adequate cleaning may be accomplished by simply using normal hot tap water within a temperature range of 100° F to 150° F. De-ionized water is recommended for the final rinse. An inline or other pressurized spray cleaning system is recommended but is not required.



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