

High Purity Wire Solder

Metallic Resources' SC995e™ lead-free No-Clean 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. The SC995e™ alloy is Sn99.5/Cu0.5/Co. It is RoHS compliant and does not contain any substances of very high concern (SVHC). It is Halide-Free. Standard packaging is one-pound spools in .032" or .062" thickness.

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.

Exceeds Industry Standards

PC J-STD-004
RELO flux classification.

Physical Properties

Melting Point	228°C
Density	7.4 g/cm ³
Operating Temperature	260-275°C
Tensile Strength	28 M Pa
Tensile Elongation	27%
Thermal Conductivity	81.75 W/m•K
Electrical Resistivity	0.0000123 Ohm-cm
Thermal Shock -10 to +100°C	> 1000 cycles

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.

Wide Range of Uses

Metallic Resources' SC995e™ lead-free No-Clean wire solder is specially designed for use in all hand soldering applications. It is primarily used for manual soldering and repair work of printed circuit board assembly operations common to the electronics market.



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SC995e™ NC-1022



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