



WSW SCN M1 0,5mm, 100g, Sn0,6Cu0,05Ni3,5%

Product number: T0051402799
SCN M1 Solder Wire, Ø 0,5mm, 100g

- Diameter: 0.5 mm / 0.020 inch, Weight: 100 g / 3.527 oz
- Alloy Sn99.3Cu0.6Ni0.05, Flux content 3.5%
- Silver free alloy = cost effective
- Guaranteed 100% continuous flux core
- Higher strength due to nickel compared to other silver-free alloys.
- Reduced Fe leaching to increase tip life time and reduce tip consumption by up to 70%.
- Very fast wetting even on difficult surfaces, as dirty and oxidized materials
- High soldering temperatures possible with excellent melting characteristics
- Solder joint shines (perfect optics)
- Reduced splash of flux & No-Clean flux



source images

The Perfect Solder Joint.

Designed to enhance the quality of all your soldering jobs, Weller WSW increases productivity, and optimizes your soldering performance. With a guaranteed 100% continuous flux core, combined with pure first metal melting, WSW enables long-term, highly durable solder joints without cracking, even on difficult surfaces.

WSW SOLDER WIRE THE PERFECT SOLDER JOINT



PERFORMANCE & PRODUCTIVITY

Optimized performance with a guaranteed and consistent 100% continuous flux core



LOW TOTAL COST OF OWNERSHIP

Up to 70% less reduced tip consumption and provide a low total cost of ownership by saving labor time & resources due a higher productivity



QUALITY SOLDER JOINTS

Long-term, highly durable soldering joints that will not crack, even on difficult surfaces



TIP WETTING

Fast and homogeneous wetting due to 100% continuous flux core



REDUCED SPLASH

Increase direct user safety as well as workplace cleanliness



FLOW & HEAT PERFORMANCE

Patented alloys guarantees optimal results



MAXIMUM FLEXIBILITY

Wide range of alloys and fluxes as well as various wire diameter



Technical Data

| | |
|--|----------------------|
| Alloy | Sn0.6Cu0.05Ni |
| Solder wire Ø mm | 0.5 |
| Solder wire Ø Inch | 0.019 |
| Temperature range °C | 228-229 |
| Temperature range °F | 442,4-444,2 |
| Flux proportion | 3.5% |
| Total length solder wire in yard | 91.89 |
| Reduced Splash | on |
| Use of 100% first melt for production | on |
| No-clean solder wire (no residual flux cleaning necessary) | on |
| Halide containing | on |
| Halide free | --- |
| WSW category | Leadfree solder wire |
| 100% continuous flux core | on |
| Flux classification | M1 |
| Total length solder wire in m | 84.03 |
| RoHS compliant | on |
| Weight in g | 100 |
| Weight in oz | 3.527 |
| Dimensions W x L x H | 63 x 65 |
| Dimensions L x W x H (inches) | 2.4803 x 2.5590 |