



## WSW SCN M1 1,0mm, 100g, Sn0,6Cu0,05Ni3,5%

Product number: T0051404699

SCN M1 Solder Wire, Ø 1,0mm, 100g

- Diameter: 1.0 mm / 0.039 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.



#### 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



## WSW SOLDER WIRE THE PERFECT SOLDER JOINT



#### 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                                           | 1.0                  |
| Solder wire Ø Inch                                         | 0.039                |
| Temperature range °C                                       | 228-229              |
| Temperature range °F                                       | 442,4-444,2          |
| Flux proportion                                            | 3.5%                 |
| Total length solder wire in yard                           | 22.97                |
| 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                              | 21.01m               |
| RoHS compliant                                             | on                   |
| Weight in g                                                | 100                  |
| Weight in oz                                               | 3.5274               |
| Dimensions W x L x H                                       | 63 x 65              |
| Dimensions L x W x H (inches)                              | 2.4803 x 2.5590      |