

Sn63/Pb37 RA Solder Wires

4880–4888 solder wires use the eutectic tin-to-lead alloy ratio, with a RA-like flux core. They have a low-melting temperature with a sharp melting/solidification point.

They achieve a consistent solder and flux percentage due to our state-of-the-art extrusion wire-drawing machine, which continuously monitors the wire to prevent voids and ensure consistency, providing a top-grade solder wire.

Features & Benefits

- Eutectic alloy (liquidus=solidus temperature)
- Alloy exceeds J-STD-006C, meets J-STD-004B and ASTM B 32 purity requirements
- Rosin-activated flux
- Fast wetting and flowing
- Non-corrosive and non-conductive residue

Available Packaging

| Cat. No. | Packaging | Gauge | Diameter | Net Wt. |
|-----------|-------------|-------|----------|---------|
| 4880-18G | Pocket pack | 21 | 0.032" | 18 g |
| 4884-227G | Spool | 23 | 0.025" | 227 g |
| 4884-454G | Spool | 23 | 0.025" | 454 g |
| 4885-227G | Spool | 21 | 0.032" | 227 g |
| 4885-454G | Spool | 21 | 0.032" | 454 g |
| 4886-227G | Spool | 19 | 0.040" | 227 g |
| 4886-454G | Spool | 19 | 0.040" | 454 g |
| 4887-227G | Spool | 18 | 0.050" | 227 g |
| 4887-454G | Spool | 18 | 0.050" | 454 g |
| 4888-227G | Spool | 16 | 0.062" | 227 g |
| 4888-454G | Spool | 16 | 0.062" | 454 g |

Contact Information

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Properties

| | |
|---|--------------------------|
| Flux Classification | ROM1 RA |
| Flux Type | Rosin |
| Flux Activity | Moderate |
| Corrosion Test | Pass |
| Silver Chromate-Cl ⁻ + Br ⁻ | Detection |
| Acid Number (mgKOH/g sample) | 150–160 |
| Softening Point of Flux Extract | 80 °C |
| Halides (by weight) | 0.5–2.0 % |
| Surface Insulation Resistance (SIR) | >1.0 x 10 ⁹ Ω |

Storage and Handling

Store refrigerated between 18–25 °C away from direct heat or sunlight.

Disclaimer

This information is believed to be accurate. It is intended for professional end-users who have the skills required to evaluate and use the data properly. M.G. Chemicals Ltd. does not guarantee the accuracy of the data and assumes no liability in connection with damages incurred while using it.

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