

## Sn60/Pb40 RA Solder Wires

4890–4898 solder wires are electronics grade and the 60/40 rosin core uses a tin-to-lead alloy ratio with an RA-like flux core. They melt at slightly higher temperatures and over a wider temperature range than 63/37 solder. This results in robust and reliable joints that are highly resistant to whisker formation.

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

- Alloy exceeds J-STD-006C and meets ASTM B 32 purity requirements
- Flux meets J-STD-004B
- Rosin-activated flux
- Fast wetting and flowing
- Non-corrosive and non-conductive residue

## Available Packaging

Cat. No.	Packaging	Gauge	Diameter	Net Wt.
4890-18G	Pocket pack	21	0.032"	18 g
4894-227G	Spool	23	0.025"	227 g
4894-454G	Spool	23	0.025"	454 g
4895-227G	Spool	21	0.032"	227 g
4895-454G	Spool	21	0.032"	454 g
4896-227G	Spool	19	0.040"	227 g
4897-227G	Spool	18	0.050"	227 g
4898-227G	Spool	16	0.062"	227 g
4898-454G	Spool	16	0.062"	454 g

## Contact Information

MG Chemicals, 1210 Corporate Drive  
Burlington, Ontario, Canada L7L 5R6

Email: [support@mgchemicals.com](mailto:support@mgchemicals.com)

Phone: North America: +(1)800-340-0772

International: +(1) 905-331-1396

Europe: +(44)1663 362888

## Properties

Flux Classification	ROM1 RA
Flux Type	Rosin
Flux Activity	Moderate
Solder Flux Color	Amber
Corrosion Test	Pass
Silver Chromate-Cl <sup>-</sup> + Br <sup>-</sup>	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 <sup>9</sup> 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.