4910

Tip Tinner

4910 Soldering Tip Tinner is a lead-free mixture used to quickly clean, repair and maintain solder iron tips. It is composed of SAC305 powder mixed with thermally stable, oxide-reducing compounds to form a convenient tinning block.

During use, a soldering iron tip can lose its protective layer of tin, leading to oxidization. Oxidized tips exhibit poor heat transfer characteristics and lose their ability to accept solder. This leads to bad joint formation, which prematurely damages the soldering iron tip. To extend the soldering tip's lifespan and decrease solder joint failure, all de-tinned tips should be re-tinned as soon as possible. 4910 re-tins better than standard rosin-cored wires and results in a more robust, oxide-protective tin layer.



Features & Benefits

- Lead-free Sn96.6/Ag3/Cu0.5 alloy
- Suitable for both lead and lead-free tip repairs
- Safe for both workers and the environment
- Minimal fume production and residue
- Non-corrosive
- Easy-to-use
- Halogen-free

Available Packaging

Cat. No.	Packaging	Net Wt.
4910-28G	Tin can	28 g

Contact Information

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SAC305 Alloy Typical Properties

Color	Silver-white	
Alloy Density @ 26 °C	7.49	g/cm^3
Hardness	15	HB
Melting Point, solidus	217	°C
Melting Point, liquidus	221	°C
Tip Temperature Upper Limit	<450	°C
Thermal Conductivity	58	W/(m·K)
Shelf Life	3	y

Application Instructions

1. Bring the soldering iron to its standard operating temperature.
2. Roll or wipe the tip on the surface of the tip tinner.
3. Wipe tip on a wet sponge to remove any post-tinning residue.

Storage and Handling

Store between 18 and 27 ˚C in a dry area, away from sunlight (see SDS). Keep can tightly closed.

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.