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 tiprepairs

Safe for both workers and the environment

Minimal fume production and residue

Non-corrosive

Easy-to-use

Halogen-free

Storage and Handling

Store between 18 and 25 ˚C in a dry area, away from sunlight (see SDS).

Available Packaging

Part #	Packaging	Net Wt.
4910-28G	Tin can	28 g

Application Instructions

Read the product SDS for more detailed instructions before using this product.

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 posttinning residue.

Properties

Color	Silver white
Alloy Density @ 26 °C	7.5 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	10 y