Technical Specifications
Tin Resin Wire

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TIN RESIN WIRE – Technical Specifications

1 – Introduction

The Tin Resin Wire is designed for general electronic soldering, offering reliable performance in assembly, repair, and maintenance of electrical and electronic components. Its composition ensures a clean and uniform fusion, with excellent conductivity and no corrosive residue.

2 – Description

This wire combines a balanced metal alloy and a non-corrosive flux core, ensuring efficient soldering and excellent molten material flow.
Its melting point of 185 °C allows precise application, preventing thermal damage to sensitive components.
It is supplied on a 250 g (¼ kg) spool with a 1 mm diameter, ideal for technical or industrial precision work.
Complies with national safety and quality standards applicable to soldering materials.

3 – Materials and Construction

Component	Material	Materials and Construction
Tin (Sn)	60 %	Improves conductivity and wetting.
Lead (Pb)	40 %	Reduces melting temperature and increases malleability.
Internal flux	5 non-corrosive cores	Removes oxides and improves adhesion during soldering.

4 – Technical Properties

Property	Value
Wire diameter	1 mm
Spool weight	250 g (¼ kg)
Melting point	185 °C
Flux type	Non-corrosive, multiple
Conductivity	High
Spool material	Resistant ABS plastic
Spool color	Blue

5 – General Characteristics

- Fast and stable fusion with excellent fluidity.
- Leaves no harmful or corrosive residues.
- Suitable for electronic and maintenance soldering.
- Ergonomic format, easy to handle.
- Meets required quality and traceability controls.

6 – Packaging and Presentation

- Each spool is delivered in an individual box, protected against moisture and impact.

- Bulk packaging is supplied in corrugated cardboard boxes.
- Complies with current Argentine legislation for the commercialization of electrical and soldering materials.