

Technical Data Sheet

53 Brazing Alloy The Wonder Alloy



Cronatron™
A LAWSON BRAND



Overview

A uniquely versatile, very low-heat alloy that joins white and pot metals with ease. Particularly suited for soldering all types of dissimilar metals, such as copper to aluminum, brass to steel, zinc to stainless, etc.

Features/Benefits

- Totally lead and cadmium free
- Extremely low melting point
- More than twice the strength of ordinary solder
- Thin flowing, safe and non-toxic

Applications

- Chrome-plated zinc die castings
- Air conditioning and refrigeration units
- Dissimilar metals soldering
- Heaters, radiators and exchangers
- Aluminum to copper tubing

Method of Application

Torch or soldering iron

Identification

Silver color soft wire

Directions for Use

Base metal must supply heat, as a direct flame is unworkable. A carburizing flame should be used. Flux is required for all applications where good bondability is desired.

Technical Specifications

Tensile Strength: 17,500 PSI (121 MPa)
Temperature: 360°F (180°C)

Technical Tips

F53 Flux is required for all applications.

