



TECHNICAL DATA SHEET

CATEGORY:

ALLOY

NAME:

SILVERSOL (Sn/Cu4/Ag0.5)

FEATURES

- Lead-Free Alloy
- Melting Temperature: 214°C - 234°C
- Complies with the Canadian Plumbing and Boiler Codes
- Complies with the Canadian Lead-Free Solder Standard
- Complies with the United States Environmental Protection Agency's January 2014 Lead-Free Safe Drinking Water Act

DESCRIPTION

AIM's Silversol is composed of Tin, Copper, and Silver. This alloy has a melting temperature range of 214°C - 234°C (416°F - 454°F). This solder is ideal for copper plumbing joints. Silversol is available in solid wire and bar solder.

MAJOR ALLOY INGREDIENTS IN PERCENT

Cu	Ag	Sn
4%	0.5%	Balance

TENSILE STRENGTH

Ultimate Tensile Strength (MPa)	Ultimate Tensile Strength (psi)
66.5	9645

HANDLING

- If this alloy is used in water soluble cored wire, the product will have a shelf life of 3 years. All other cored wire, solid wire, and bar solder products have an indefinite shelf life.
- Consult the MSDS for specific handling procedures.

FLUX COMPATIBILITY

- Silversol is compatible with most grades of flux.

CLEANING

- Refer to data sheets provided by the flux manufacturer.

SAFETY

- Use with adequate ventilation and proper personal protective equipment.
- Refer to the accompanying Material Safety Data Sheet for any specific emergency information.
- Do not dispose of any hazardous materials in non-approved containers.

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 AIM IS ISO9001:2008 & ISO14001:2004 CERTIFIED

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