



# TECHNICAL DATA SHEET

CATEGORY: **ALLOY**  
 NAME: **AQUASOL**

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

## MAJOR ALLOY INGREDIENTS IN PERCENT

Sb	Cu	Ag	Sn
1%	3%	.25%	Balance

## TENSILE STRENGTH

Ultimate Tensile Strength (MPa)	Ultimate Tensile Strength (psi)
76	11023

## 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.
- There are no special handling or storage requirements for this product.

## FLUX COMPATIBILITY

- Aquasol 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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