



## TECHNICAL INFORMATION SHEET

### HARRIS LAg34Sn BRAZING FILLER METAL

#### BRAZING PROPERTIES:

LAg34Sn brazing alloy is often specified as a replacement for higher cost 35% and 40% silver filler metals. Harris LAg34Sn has a wide melting range so it's useful in filling connections where tight clearance cannot be held. It is cadmium free and is an excellent replacement for many of the hazardous cadmium containing braze products. It is primarily used to braze copper, brass, bronze, and steel. LAg34Sn can also be used to braze stainless steel and some nickel alloys if evaluation confirms suitability for service conditions

#### RECOMMENDED FLUX:

Stay-Silv White flux, or where heating cycles are extended, Stay-Silv Black flux

#### NOMINAL CHEMICAL COMPOSITION%:

Silver	33.0-35.0
Tin	2.5-3.5
Copper	35.0-37.0
Zinc	Other

#### PHYSICAL PROPERTIES:

Solidus 1166°F (630°C)  
Liquidus 1346°F (730°C)

#### AVAILABLE FORMS

Standard wire diameters in coil, rod, preform rings and shapes, and layer wound spools.

#### SPECIFICATION COMPLIANCE:

DIN8513 Class LAg34Sn,

#### SAFETY INFORMATION:

**WARNING: PROTECT** yourself and others. Read and understand this information.

**FUMES AND GASES** can be hazardous to your health.

**HEAT RAYS**, (infrared radiation) from flame or hot metal can injure eyes.

- Before use, read and understand the manufacturer's instructions, Material Safety Data Sheets (MSDS), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or heat source, to keep fumes and gases from your breathing zone and the general area.
- Wear correct eye, ear, and body protection.
- See American National Standard Z49.1, *Safety in Welding, Cutting, and Allied Processes*, published by the American Welding Society, 8669 Doral Blvd., Doral, Florida 33166; OSHA Safety and Health Standards, available from the U.S. Government Office, Washington, DC 20402.

#### THE HARRIS PRODUCTS GROUP

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Additional information available at our web site: [www.harrisproductsgroup.com](http://www.harrisproductsgroup.com)

All statements, information and data given are believed to be accurate and reliable but are presented without guarantee, warranty or responsibility of any kind, expressed or implied. Suitability of brazing filler metal for the intended application should be confirmed by testing.