THE HARRIS PRODUCTS GROUP
A LINCOLN ELECTRIC COMPANY
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TECHNICAL SPECIFICATION SHEET

HARRIS SAFETY-SILV® 30 BRAZING FILLER METAL

STATEMENT OF LIABILITY- DISCLAIMER

Any suggestion of product applications or results is given without representation or warranty, either expressed or implied. Without exception or limitation, there are no warranties of merchantability or of fitness for particular purpose or application. The user must fully evaluate every process and application in all aspects, including suitability, compliance with applicable law and non-infringement of the rights of others. The Harris Products Group and its affiliates shall have no liability in respect thereof.

NOMINAL CHEMICAL COMPOSITION:

Silver	29-31%
Copper	37-39%
Zinc	30-34%
Other Totals	15%

PHYSICAL PROPERTIES:

Solidus	1250°F (677°C)	Specific Gravity	8.86
Liquidus	1425°F (774°C)	Electric Conductivity (% I.A.C.S)	24.8
Density (Troy oz./cu. In.	4.67	Electrical Resistivity (Microhm-cm.)	6.82
Color	Bright Shiny Yellow		

BRAZING PROPERTIES:

A cadmium free alloy with a plastic range of 175°F(79°C) with good flow and good fillet forming quality. It Produces high strength and ductile joints.

AVAILABLE FORMS:

Standard wire diameters
Preformed Rings
Flux coated rods

SPECIFICATION COMPLIANCE:

ANSI/AWS A5.8, ASME SFA5.8 Class BAg-20

RECOMMENDED FLUX:

Stay-Silv white flux, or where heating cycles are extended, Stay-Silv black flux.

WARNING: PROTECT yourself and others. Read and understand this information.
FUMES AND GASES can be hazardous to your health.
ARC RAYS can injure eyes and burn skin.
ELECTRIC SHOCK can KILL.

- Before use, read and understand the manufacturer's instructions, Material Safety Data Sheets (MSDSs), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the arc, or both, to keep fumes and gases from your breathing zone and the general area.

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.

Additional information available at our web site: www.harrisproductsgroup.com

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- Wear correct eye, ear, and body protection.
- Do not touch live electrical parts.
- See American National Standard Z49.1, *Safety in Welding, Cutting, and Allied Processes,* published by the American Welding Society, 550 N.W. LeJeune Road, Miami, Florida 33126; OSHA Safety and Health Standards, available from the U.S. Government Office, Washington, DC 20402

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