



T H E H A R R I S P R O D U C T S G R O U P
A L I N C O L N E L E C T R I C C O M P A N Y
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TECHNICAL SPECIFICATION SHEET

HARRIS LAg15P BRAZING FILLER METAL

DESCRIPTION

LAg15P brazing filler metal is a frequent choice for brazing copper; LAg15P can also be used to braze brass and bronze with the use of Stay-Silv® white brazing flux. The brazing range is narrow and is designed for application where joint clearance of 0.002-0.005 can be maintained than other low phosphorus containing LAg15P is not recommended for brazing steel or other ferrous metals.

NOMINAL CHEMICAL COMPOSITION:

Silver	14.7-15.3%
Phosphorus	4.7-5.39%
Copper	Balance
Other Totals	0.25% maximum

PHYSICAL PROPERTIES:

Solidus	1193°F (645°C)	Specific Gravity	8.40
Liquidus	1472°F (800°C)		

Available forms

Standard wire and rod diameters and formed rings.

Specification Compliance

AWS A5.8 BCuP5, QQ-B-654 Grade III, / QQ-B-654A BCuP-5
EN1044 CP102, ISO 17672 CuP284, Class LAg-15P

Recommended Flux

No flux required for copper to copper connections.
Stay-Silv® White brazing flux for brass or bronze

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 (MSDS), and your employer's safety practices.
- Keep your head out of fumes.
- Use enough ventilation, exhaust at the flame, or both, to keep fumes and gases from your breathing zone and the general area.
- 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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