



## TECHNICAL SPECIFICATION SHEET

**HARRIS PRODUCTS GROUP**  
4501 QUALITY PLACE  
MASON, OHIO 45040  
TEL. (513) 754-2000  
FAX, (513) 754-8778  
[www.harrisproductsgroup.com](http://www.harrisproductsgroup.com)

ISO 9002  
Cert. No. 31598

# HARRIS 0 BRAZING FILLER METAL

**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 Sheet (MSDSs), 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.
- 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

### 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. Harris Products Group and its affiliates shall have no liability in respect thereof.

### CHEMICAL COMPOSITION:

Phosphorus	7.0 % - 7.5 %
Copper	Remainder
Other Totals	.15 %

### PHYSICAL PROPERTIES:

Solidus	1310°F (710°C)
Liquidus	1473-1476°F (800-802°C)
Brazing Temperature Range	1300-1500°F (704-816°C)
Color	Bright Shiny Copper
Specific Gravity	8.76
Electrical Conductivity	(IACS %) 9.91
Electrical Resistivity	19.20

Harris Products Group	Fax	513-754-8778
4501 Quality Place	Tel.	513-754-2000
Mason, Ohio 45040		800-733-4533



TECHNICAL  
SPECIFICATION  
SHEET

HARRIS PRODUCTS GROUP  
4501 QUALITY PLACE  
MASON, OHIO 45040  
TEL. (513) 754-2000  
FAX, (513) 754-8778  
[www.harrisproductsgroup.com](http://www.harrisproductsgroup.com)

ISO 9002  
Cert. No. 31598

# HARRIS 0 BRAZING FILLER METAL

## **BRAZING PROPERTIES:**

Designed primarily for copper to copper brazing application, Harris 0 is an economical alloy for use where joint clearances are close; less than .005". Harris 0 has extremely fast flow quality, is very fluid, and may be used in brazing brass with the use of Stay-Silv brazing flux.

## **AVAILABLE FORMS:**

Standard wire diameters, Preformed rings,

## **SPECIFICATION COMPLIANCE:**

ANSI/AWS A5.8, Class BCuP-2, ASME SFA 5.8, Class BCuP-2  
QQB 650C, Class BCuP-2

## **RECOMMENDED FLUX:**

No flux required on copper  
Stay Silv white or black brazing flux with Brasses

Harris Products Group  
4501 Quality Place  
Mason, Ohio 45040

Fax 513-754-8778  
Tel. 513-754-2000  
800-733-4533