



WELDCOTE 0 BRAZING ALLOY

WELDCOTE 0 is a Phos-Copper brazing alloy formulated to join copper, brass and bronze. This alloy is commonly used where there is a close or controlled fit up. Weldcote brazing flux is needed when working on brazeable grades brass or bronze. Phos-Copper alloys are self-fluxing on copper but should not be used on copper alloys containing more than 10% nickel, steels, and ferrous metals or in any sulfurous atmospheres. Aluminum bronze requires the use of Aluminum bronze brazing flux.

CHEMICAL COMPOSITION, Weight Percent:

Phosphorus	7.0-7.5
Copper	Balance
Total Others Elements	0.15

PHYSICAL DATA:

Solidus	1310°F (710°C)
Liquidus	1460°F (793°C)
Brazing Range	1350-1500°F (732-816°C)
Color	Bright Copper
Specific Gravity	8.13
Density (lb/cu in.)	0.287
Electrical Conductivity (% of IACS)	8.5
Electrical Resistivity (Microhm-cm)	21.5

AVAILABLE SIZES:

20" Rods of 1/16, 3/32, 1/8 and .050 X 1/8

SPECIFICATIONS:

AWS A5.8/A5.8M	BCuP-2
ASME SFA5.8	BCuP-2
FED QQ-B-650C	BCuP-2