



WELDCOTE 56CF
BRAZING ALLOY

WELDCOTE 56CF is a cadmium free silver brazing alloy with a narrow melting range and the lowest working temperature in the cad-free family yielding premium flow, wetting, ductility, penetration. **WELDCOTE 56CF** is commonly used to join any combinations of copper, brass, steel, bronze and stainless steel. This alloy is a great choice for food handling equipment and color match on stainless and nickel alloys while minimizing stress corrosion cracking.

CHEMICAL COMPOSITION, Weight Percent:

Silver	55.0-57.0
Copper	21.0-23.0
Zinc	15.0-19.0
Tin	4.5-5.5
Total Others Elements	0.15

PHYSICAL DATA:

Solidus	1145°F (618°C)
Liquidus	1205°F (652°C)
Brazing Range	1205-1400°F (652-760°C)
Color	White to Light Gold
Specific Gravity	9.47
Density (troy oz./cu in.)	5.00
Electrical Conductivity (% of IACS)	20.5
Electrical Resistivity (Microhm-cm)	9.58

AVAILABLE SIZES:

Troy Ounce Coils and Rods of 1/16 and 3/32

SPECIFICATIONS:

AWS A5.8	B Ag-7
ASME SFA5.8	B Ag-7
FED QQ-B-654	B Ag-7

Weldcote Metals believes this data to be accurate and to reflect qualified expert opinion regarding current research. However, Weldcote Metals can not make any expressed or implied warranty as to this information.