



WELDCOTE 45CF BRAZING ALLOY

WELDCOTE 45CF is a general purpose silver brazing alloy with a wide melting range and widely used in many brazing operations. **WELDCOTE 45CF** is commonly used to join any combinations of copper, brass, steel and bronze.

CHEMICAL COMPOSITION, Weight Percent:

Silver	44.0-46.0
Copper	29.0-31.0
Zinc	23.0-27.0
Total Others Elements	0.15

PHYSICAL DATA:

Solidus	1225°F (663°C)
Liquidus	1370°F (743°C)
Brazing Range	1370-1550°F (743-843°C)
Color	Yellow White to Light Gold
Specific Gravity	9.11
Density (troy oz./cu in.)	4.80
Electrical Conductivity (% of IACS)	19.0
Electrical Resistivity (Microhm-cm)	9.08

AVAILABLE SIZES:

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

SPECIFICATIONS:

AWS A5.8	B Ag-5
ASME SFA5.8	B Ag-5
FED QQ-B-654	B Ag-5