



WELDCOTE 40TCF BRAZING ALLOY

WELDCOTE 40TCF is a low temperature, cadmium free silver brazing alloy with a medium plastic range, suitable for use on steel, copper and most brasses. This alloy has good corrosion resistance, and will likely find increasing applications into areas where legislation forbids the use of cadmium bearing grades.

CHEMICAL COMPOSITION, Weight Percent:

Silver	39.0-41.0
Copper	29.0-31.0
Zinc	26.0-30.0
Tin	1.5-2.5
Total Others Elements	0.15

PHYSICAL DATA:

Solidus	1220°F (660°C)
Liquidus	1310°F (710°C)
Brazing Range	1310-1550°F (710-843°C)
Color	Bright Shiny Light Yellow
Specific Gravity	9.6
Density (troy oz./cu in.)	4.76
Electrical Conductivity (% of IACS)	18.0
Electrical Resistivity (Microhm-cm)	9.94

AVAILABLE SIZES:

Troy Ounce Coils of 1/16

SPECIFICATIONS:

AWS A5.8	B Ag-28
ASME SFA5.8	B Ag-28