



SUPERIOR TBA-1



SUPERIOR TBA-1 SILVER BRAZING FILLER METAL

DESCRIPTION

Superior Superior TBA-1 is a low melting, free flowing, cadmium free alloy. It is a <40% silver alloy used in the joining of the Titanium alloys, particularly for food handling equipment, hospital instruments, and small tungsten carbide inserts for cutting tools.

CHEMICAL COMPOSITION

Ingredient	% by Weight
Silver	35 - 40
Copper	30 - 35
Zinc	26 - 30
Other	0.15 Max

PHYSICAL PROPERTIES

Solidus Temperature	649°C (1200°F)
Liquidus Temperature	720°C (1330°F)
Brazing Range	721 - 843°C (1330 - 1550°F)
Specific Gravity	9.05

FLUX RECOMMENDED

Superior TiBF-19

SAFETY PRECAUTIONS

Fumes and gasses can be hazardous to good health. Read and understand MSDS information before using this product.

Superior manufactures quality fluxes. Our business is solving problems.



**Superior Flux
& Mfg. Co.**

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