

Flux Coated Cadmium Free SilverAlloy A-38TFC

◆ **INTRODUCTION**

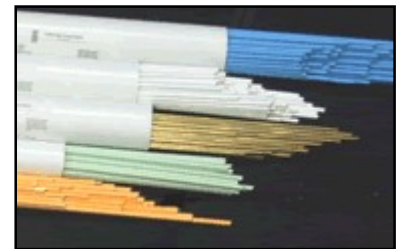
Aufhauser SilverAlloy A-38TFC is a cadmium free filler metal with free-flowing characteristics. The brazing temperature range is similar to that of SilverAlloy Cd-30 and Cd-35, making it an ideal substitute for these filler metals. A-38TFC comes pre-fluxed with the correct amount of flux. No dipping or preparatory work needed.

◆ **APPLICATIONS**

Aufhauser A-38TFC is used for joining most ferrous and non-ferrous metals.

◆ **CHEMICAL COMPOSITION**

Silver	Copper	Zinc	Tin
37.0-39.0	31.0-33.0	26.0-30.0	1.5-2.5



◆ **PHYSICAL and MECHANICAL PROPERTIES**

Melting Point	1200 °F (649 °C)
Flow Point	1330 °F (721 °C)
Specific Gravity	9.05
Density	4.77 TO/cu.in.
Electrical Conductivity	18 %IACS
Electrical Resistivity	9.50 Microhm-cm
Color, as brazed	Light Yellow

◆ **SPECIFICATIONS MEET or EXCEED**

- AWS A5.8 BAg-34
- AMS 4761
- ISO 3677: B Ag 38 Cu Zn Sn 650-720
- UNS P07380
- EN 17672 Ag 138

◆ **AVAILABLE FORMS**

- Powder/Paste
- Wire, Rods, Foil
- Specialty preforms per customer specifications

◆ **STANDARD ROD SIZES AND DIAMETERS**

- Diameters: 1/32", 3/64", 1/16", 3/32", 1/8"
- Sizes: 1, 3, 5, or 50 troy ounces
- Lengths: 18, 20, or 36 inches