

Flux Coated Cadmium Free SilverAlloy A-35FC

◆ **INTRODUCTION**

Aufhauser SilverAlloy A-35FC is a cadmium-free filler metal used for brazing ferrous and nonferrous base metals. It is a moderate temperature filler metal frequently used for production brazing applications. A-35FC is pre-fluxed with the correct amount of flux. No dipping or preparatory work. Suitable for work in tight places.

◆ **APPLICATIONS**

- Aufhauser A-35FC is used for joining most ferrous and non-ferrous metals.

◆ **CHEMICAL COMPOSITION**

Silver	Copper	Zinc
34.0-36.0	31.0-33.0	31.0-35.0



◆ **PHYSICAL and MECHANICAL PROPERTIES**

Solidus:	1260 °F
Liquidus:	1370 °F
Braze Range:	1370-1545°F
Specific Gravity:	8.66
Density:	4.56 TO/cu. in.
Electrical Conductivity:	22.0 %IACS
Color:	Yellow White

◆ **SPECIFICATIONS MEET or EXCEED**

- AWS A5.8 BAg-5
- ISO 3677: B Ag 35 Zn Cu 680-750

◆ **STANDARD SIZES AND DIAMETERS**

- Diameters: 1/16", 3/32", 1/8", 5/32", 3/16"
- Sizes: 18", 20", 36" cut lengths

◆ **PROPERTIES OF BRAZED JOINTS**

Generally, the joint strength using SilverAlloy A-35FC will surpass the strengths of the base metals. Strength is a function of the base metals being joined, type of joint, design of joint, joint clearances and brazing procedures. The recommended maximum operating temperature for SilverAlloy A-35FC is up to 400°F in continuous service and up to 600°F in intermittent services.