



Product Information

Silver AG14 FC flux-coated brazing wire

Brand: Super 6

Super 6 Silver AG14 FC is a premium 55% silver, flux-coated brazing wire designed for oxy-acetylene gas welding applications. With no need for separate flux, this cadmium-free alloy simplifies brazing while delivering strong, clean, and corrosion-resistant joints. Ideal for food-safe, artistic, electrical, and mechanical environments, AG14 FC provides excellent flow, uniform coverage, and high-integrity results across copper, brass, and dissimilar metals.

Key Features

- **55% Silver Alloy** – Exceptional strength, ductility, and corrosion resistance
- **Integrated Flux Coating** – Eliminates need for separate flux, saving time and reducing mess
- **Cadmium-Free** – Safer for use in food, health, and environmentally sensitive applications
- **Excellent Flow and Joint Coverage** – Ensures clean, leak-free brazed connections
- **Versatile and Easy to Use** – Ideal for capillary brazing, maintenance, and precision fabrication

Chemical Composition (Typical)

Element	Content (%)
Silver (Ag)	55
Copper (Cu)	Balance
Zinc (Zn)	21
Tin (Sn)	2
Others	< 0.1

Physical Properties

Property	Value
Melting Range	630–660°C
Working Temperature	~690°C
Density	~9.3 g/cm ³
Electrical Conductivity	Good
Corrosion Resistance	Excellent





Typical Applications

- Artistic foundry work and sculpture brazing
- Food processing and hygienic piping systems
- Power generation and mechanical assemblies
- HVAC, refrigeration, and electrical systems
- Maintenance, repair, and precision fabrication

Standards Compliance

- **AWS A5.8:** BAg-7
- **EN 1044:** AG103
- **BS 1845:** AG14

Storage & Handling

- Store in a dry, cool location away from moisture
- Avoid contamination with oils or dirt
- Use with appropriate PPE and ventilation when brazing

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