



Product Information

Silver AG14 brazing wire Silver

Brand: Super 6

Super 6 Silver AG14 is a premium-grade silver alloy wire designed for gas welding and brazing with oxy-acetylene equipment. It produces high-strength, corrosion-resistant joints with excellent flow characteristics and smooth, uniform bonding. Ideal for use across copper, brass, and dissimilar metals, AG14 is trusted for critical applications in plumbing, refrigeration, electrical systems, and light fabrication.

Key Features

- **Premium Silver Alloy** – Delivers superior mechanical strength and ductility
- **Corrosion Resistant** – Ideal for harsh environments and long-term performance
- **Excellent Flow and Joint Coverage** – Produces smooth, gap-free joints with strong metallurgical bonding
- **Oxy-Acetylene Compatible** – Suitable for all standard gas welding and brazing systems
- **Versatile Applications** – Covers plumbing, HVAC, electrical work, maintenance, and repairs

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

- Plumbing and HVAC installations
- Refrigeration and air conditioning systems
- Electrical and electronic component brazing
- Joining copper, brass, and dissimilar metals
- Maintenance, repair, and light fabrication work

Standards Compliance

- **AWS A5.8:** BAg-14
- **EN ISO 17672:** CuAg14
- **BS EN 1044:** AG14

Product Packaging

- **Form:** Rod or wire
- **Pack Sizes:** 1kg tube / other sizes available on request
- **Flux Requirement:** Requires appropriate external flux (not flux-coated)

Storage & Handling

- Store in a dry, clean environment
- Avoid contamination with oil, grease, or moisture
- Use with a compatible flux (e.g., silver brazing flux) for optimal performance

Liability Notice: Whilst all reasonable efforts have been made to ensure the accuracy of the information contained, this information is subject to change without notice and can be only considered as suitable for general guidance.

