



235 Kilvert Street
Warwick, RI 02886

A World-Class Quality Partner
ISO 9001:2008
Registered

**PRODUCT: SILVABRITE S
LEAD-FREE SOLDER**

NOMINAL COMPOSITION:

Silver	5%
Tin	95%
Total Other Elements	0.15% Max.

PHYSICAL CONSTANTS:

Solidus	430°F (221°C)
Liquidus	473°F (245°C)
Density (lbs./cu in)	.267
Soldering Range	430-550°F

DESCRIPTION:

SILVABRITE S silver/tin soldering alloys have been engineered specifically for field repair. These silver/tin solders have been specially formulated to make difficult repairs swiftly and confidently. Use **SILVABRITE S** for fast melting, free flowing jobs.

ADVANTAGES:

1. Lead-free composition
2. Easy to use
3. Excellent “capping off” ability
4. Excellent penetration and flow
5. Higher shear, creep and tensile strength than 50/50
6. Good appearance

STANDARD FORMS:

- **Wire** – Solid, available in a variety of standard and custom diameters
- **Preforms** – Custom manufactured rings, punchings or spheres
- **Bars** – Bulk alloys



PRODUCT: SILVABRITE S - CONTINUED

APPLICATIONS:

Silver/tin solders are low temperature, lead-free solders that can be used on most ferrous and non-ferrous metals, including stainless steel, bronze, brass and to a very limited extent, aluminum. Use Wolverine General Purpose Liquid or Paste Soldering Flux when using **SILVABRITE S**.

	Composition			Initial Temp.	Recommended Temp. Range
	Tin	Copper	Silver		
SILVABRITE S™	95%	--	5%	430°F	430-550°F
SILVABRITE®	96%	---	4%	430°F	430-450°F
SILVABRITE 100®	95.6%	4%	0.4%	440°F	440-500°F

*Total impurities are present in levels less than 0.0015 (0.15%)

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SILVABRITE 100® is listed by IAPMO plumbing codes.

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