235 Kilvert Street
Warwick, RI 02886

*A World-Class Quality Partner*
**ISO 9001:2000 Certified**

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

## NOMINAL COMPOSITION:

| | |
|---|---|
| Silver | 4% |
| Tin | 96% |
| Total Other Elements | 0.15% Max. |

## PHYSICAL CONSTANTS:

| | |
|---|---|
| Solidus | 430°F (221ºC) |
| Liquidus | 430°F (221ºC) |
| Density (lbs./cu in) | .267 |
| Soldering Range | 430-450ºF |
| Specific Gravity | 7.374 |

## DESCRIPTION:

**SILVABRITE®** 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** for fast melting, free flowing jobs. **SILVABRITE** is an ASTM (B32-04 grade Sn96) approved alloy, which is widely used for the plumbing and building industries.

## 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, Acid Core, Rosin Core and Organic Core available in a variety of standard and custom diameters
- **Preforms –** Custom manufactured rings, punchings or spheres
- **Bars** – Bulk alloys

**PRODUCT:** **SILVABRITE®- 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 PAST SOLDERING FLUX WHEN USING SILVABRITE.

## LIABILITY-DISCLAIMER:

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