



SUPERFLOW[®] 95/5 Tin Antimony

U.S. ALLOY CO.
dba Washington Alloy
7010-G Reames Rd.
Charlotte, NC 28216
www.weldingwire.com

WASHINGTON ALLOY'S Quality
Management System is
Certified to **ISO 9001:2008**
Cert # 05-R0925



ALLOY DESCRIPTION AND APPLICATION:

SUPERFLOW[®] 95/5 tin-antimony solder is useful for applications where higher temperatures is a factor with the common tin-lead solders. It provides higher electrical conductivity and is recommended where lead contamination must be avoided. The tin-antimony solders are not recommended for use on brass.

CHEMICAL COMPOSITION, Weight Percent:

| | |
|----------|-----------|
| Antimony | 4.5-5.5 % |
| Tin | Balance |

PHYSICAL DATA:

| | |
|-------------------------|--------------------------|
| Solidus | 452°F (233°C) |
| Liquidus | 464°F (240°C) |
| Tensile Strength | 5900 psi ¹ |
| Shear Strength | 6000 psi ¹ |
| Electrical Conductivity | 11.9 % AT 68 °F (IACS) |
| Color | Bright Silver |
| Density | 7.250 Mg m ⁻³ |

¹Copper solder joint

AVAILABLE SIZES:

TAS 95/5Sb = 1# Spools of 3/32 & 1/8 and 1LB Bars
Other sizes available – please inquire

SPECIFICATIONS:

ASTM B32

95TA, Sb5

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7010-G Reames Rd
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