



Quality Management System
in accordance with
ISO 9001:2000
Cert # 05-R0925

SUPERFLOW[®] 95/5 Tin Antimony

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



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

EAST COAST
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