



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

SUPERFLOW[®] 96/4 Tin/Silver

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



ALLOY DESCRIPTION AND APPLICATION:

SUPERFLOW[®] 96/4 Silver Bearing Solder has excellent strength with high elongation and vibration resistance for sound joints in many applications. With its low melting temperature and bonding of all the ferrous and non-ferrous alloys including stainless steel, nickel, copper tubing, brass, etc - this alloy will prevent distortion and loss of your base metal properties. On copper tubing it will give a stronger overall finished assembly than the typical braze alloys.

CHEMICAL COMPOSITION, Weight Percent:

Silver	3.5-4.5 %
Tin	Remainder

PHYSICAL DATA:

Color	Bright Silver
Solidus	430°F (221°C)
Liquidus	475°F (246°C)
Electrical Conductivity	16.5
Elongation	49%
Tensile Strength ¹	14,200 psi
Shear Strength ¹	11,900 psi

¹Copper solder joint

AVAILABLE SIZES:

TAS 96/4Ag = Spools of 1/16, 1/8 , Kits

SPECIFICATIONS:

Washington Alloy

EAST COAST
7010-G Reames Rd
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