



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

# SUPERFLOW<sup>®</sup> 96/4 Tin/Silver

U.S. ALLOY CO.  
dba Washington Alloy  
7010-G Reames Rd.  
Charlotte, NC 28216  
[www.weldingwire.com](http://www.weldingwire.com)



**American Welding Society**  
Sustaining Company Member



## ALLOY DESCRIPTION AND APPLICATION:

**SUPERFLOW<sup>®</sup>** 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 <sup>1</sup>	14,200 psi
Shear Strength <sup>1</sup>	11,900 psi

<sup>1</sup>Copper 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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