



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

SUPERFLOW[®] 38T CF BRAZING ALLOY

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



ALLOY DESCRIPTION AND APPLICATION:

SUPERFLOW[®] 38T CF is a cadmium free silver brazing alloy with about 2% tin providing a lower working temperature and enhances its flowing, wetting, ductility, and penetration. *SUPERFLOW 38T CF* is commonly used to join any combinations of copper, brass, steel, bronze, and may be a good second choice for carbide tips and stainless steel.

CHEMICAL COMPOSITION, Weight Percent:

Silver	37.0-39.0
Copper	31.0-33.0
Zinc	26.0-30.0
Tin	1.5-2.5
Total Others Elements	0.15

PHYSICAL DATA:

Solidus	1200°F (649°C)
Liquidus	1330°F (721°C)
Brazing Range	1330-1550°F (721-843°C)
Color	White-Yellow to Light Yellow
Specific Gravity	9.11
Density (Troy oz./cu in.)	4.77
Electrical Conductivity (% of IACS)	18.0
Electrical Resistivity (Microhm-cm)	9.51

AVAILABLE SIZES:

TAG 38TCF =Troy Ounce Coils and Rods of 1/16, 3/32
TAG 38TCF= Flux Coat Rods of 1/16
Other sizes available – please inquire

SPECIFICATIONS:

AWS A5.8/A5.8M	BAG-34
ASME SFA5.8	BAG-34

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