

# SUPERFLOW<sup>®</sup> 38T CF BRAZING ALLOY

## ALLOY DESCRIPTION AND APPLICATION:

*SUPERFLOW<sup>®</sup> 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 3/64, 1/16, 3/32

TAG 38TCF = Flux Coat Rods of 1/16

Other sizes available – please inquire

## SPECIFICATIONS:

**AWS A5.8/A5.8M**  
**ASME SFA5.8**

**BAG-34**  
**BAG-34**

**EAST COAST**  
 7010-G Reames Rd  
 Charlotte, NC 28216  
 Tel (888) 522-8296  
 Fax (704)598-6673

**GULF COAST**  
 4755 Alpine Drive #100A  
 Stafford, TX 77477  
 Tel (877) 711-9274  
 Fax (281)313-6332

**WEST COAST**  
 8535 Utica Ave  
 Rancho Cucamonga, CA 91730  
 Tel(800)830-9033  
 Fax (909)291-4586



DC2012

Warehouse Distribution Center – Dayton, Ohio

Head Office – Puyallup, Washington

Washington Alloy Company believes that all information and data given is correct. Use this information to assist in making your own evaluations or decisions and this information should not be mistaken as an expressed or implied warranty. U.S. ALLOY CO. assumes no liability for results or damages incurred from the use of any information contained herein, in whole or in part.