



SUPERFLOW[®] 45 CF BRAZING ALLOY

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

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



ALLOY DESCRIPTION AND APPLICATION:

SUPERFLOW[®] 45 CF is a general purpose silver brazing alloy with a wide melting range and widely used in many brazing operations. *SUPERFLOW 45CF* is commonly used to join any combinations of copper, brass, steel and bronze.

CHEMICAL COMPOSITION, Weight Percent:

Silver	44.0-46.0
Copper	29.0-31.0
Zinc	23.0-27.0
Total Others Elements	0.15

PHYSICAL DATA:

Solidus	1125°F (663°C)
Liquidus	1370°F (743°C)
Brazing Range	1370-1550°F (743-843°C)
Color	Yellow White to light gold
Specific Gravity	9.11
Density (Troy oz./cu in.)	4.80
Electrical Conductivity (% of IACS)	19.0
Electrical Resistivity (Microhm-cm)	9.08

AVAILABLE SIZES:

TAG 45CF = **Troy Ounce** Coils and Rods of .030, 3/64, 1/16, 3/32, 1/8
TAG 45CF = Flux coated rods of 1/16, 3/32, 1/8
Other sizes available – please inquire

SPECIFICATIONS:

AWS A5.8/A5.8M	BAG-5
ASME SFA5.8	BAG-5
FED QQ-B-654	BAG-5

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

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



DC 5-2006

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