TW-56
(AWS BAg-7)

Description:

- Low-work temperature 56% silver brazing alloy with excellent fluidity. Specially developed for hospital and food industry facilities. .

Applications:

- Used for carbon steels, steel alloys, stainless steels, nickel, copper and its alloys.
- Ideal when repairing containers for the food industry, such as canning, dairy and brewing
- It is also used for surgical and laboratory instruments, electrical connections, carbureted tools and dissimilar metal joints.
- This alloy is used for brazing stainless steel to aluminum.

Characteristics:

Melting Range	Solidus 618°C / Liquidus 652°C
Working Temperature	650 - 760°C
Heating Method	Torch, furnace, induction
Tensile Strength	51 kg/mm² (72,500 psi)
Elongation in 2"	28 %
Chemical Composition	Ag 56%, Cu 22%, Zn 5%

Procedure:

1. Clean brazing area removing rust or grease.
2. Preheat slightly and add silver flux to the joint.
3. Continue heating until it liquifies and add the alloy using the flame to make it flow.
4. Allow to cool slowly and remove all the flux residue.

Available forms:

Round rods (Ø)	1/16" (1.6mm), 3/32"(2.4mm), 1/8" (3.2mm)
Foil	0.05" x 1/8" (1.3x3.2mm)
Lengths	18" (457mm), 20" (508mm) y 500mm

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