



Silver 45Cd

Lowest melting brazing allow available composed of silver, copper, zinc and cadmium

Key benefits:

- Suitable for use on most metals except aluminum and magnesium
- Used for joining steel, stainless steel, copper, copper alloys, nickel, nickel alloys or combinations of these metals.
- has a narrow melting range which is not apparent in most brazing operations, making it flow freely through capillary action.

Nominal Composition:

Silver	45% ± 1%	Copper	15% ± 1%
Cadmium	24% ± 1%	Zinc	16% ± 1%

Physical Properties:

Density (g/cm ³)	9.4	Solidus	605°C (1125°F)
Tensile Strength (N/mm ²)	-	Liquidous	620°C (1150°F)
Color	Light Yellow	Operating Temperature	620°C (1150°F)
Electrical Conductivity % IACS	27.6	Resistivity Microhm-cm	6.06

Available Forms:

Wire	0.5mm to 3mm Dia
Rods	1, 1.5, 2, 2.5, 3, 4, 5, 6, 7mm Dia x 500mm
Foils/Ribbons	0.07mm Thick to 0.4mm Thick and up to 90mm width
Preforms	Rings, Washer, Shim Pieces, Discs & Stamped & Shaped Parts etc.
Flux Coated Rods in all sizes from 1.5mm to 3.2mm Dia x 500mm Length	

Packaging:

1KG, 2KG, 3KG, 4KG, 5KG and so on

Equivalent International Standards:

IS: 2927	BS: 1845	DIN: 8513	AWS: A5.8	DIN EN: 1044	NFA81-362	ISO: 3677	AMS
BaCuAg15	-	L-Ag45Cd	Bag-1	AG302	-	-	4769

Safety Information:

Fumes and gases can be hazardous to health. Radiation from flame or hot metal can injure eyes. Use enough ventilation, exhaust at the brazing source. Wear eye, ear and body protection. For complete information refer MSDS.