



Silver 45Sn

Key benefits:

- Low temperature, free flowing, cd-free alloy.

Nominal Composition:

Silver	45% ± 1%	Copper	27% ± 1%
Zinc	25.5% ± 1%	Others	2.5Sn ± 1%

Physical Properties:

Density (g/cm ³)	9.2	Solidus	640°C (1180°F)
Tensile Strength (N/mm ²)	350	Liquidous	680°C (1255°F)
Color	Pale Yellow	Operating Temperature	670°C (1240°F)
Electrical Conductivity % IACS	18	Resistivity Microhm-cm	9.6

Available Forms:

Wire	0.8mm to 3mm Dia
Rods	1, 1.5, 2, 2.5, 3, 4, 5, 6mm Dia x 500mm
Foils/Ribbons	0.1mm Thick to 0.4mm Thick and up to 70mm width
Preforms	Rings, Washer, Shim Pieces, Discs, Stamped & Shaped Parts etc.

Packaging:

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

Equivalent International Standards:

EN ISO: 17672:2010	BS: 1845	DIN: 8513	AWS: A5.8	DIN EN: 1044	NFA81- 362	ISO: 3677	AMS
AG145	-	L-Ag45Sn	BAG-36	AG104	-	BAG45CuZnSn 640-680	-

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.