



Silver 45

Key benefits:

- It is an excellent filler metal for brazing brass parts (such as ships piping, band instruments, aircraft engine oil coolers, brass lamps etc).

Nominal Composition:

Silver	45% ± 1%	Copper	30% ± 1%
Zinc	24% ± 1%	Others	-

Physical Properties:

Density (g/cm ³)	9.2	Solidus	670°C (1240°F)
Tensile Strength (N/mm ²)	545	Liquidous	740°C (1365°F)
Color	Yellow White	Operating Temperature	730°C (1345°F)
Electrical Conductivity % IACS	19	Resistivity Microhm-cm	9.08

Available Forms:

Wire	1, 1.5, 2, 2.5, 3, 4mm Dia
Rods	1, 1.5, 2, 2.5, 3, 4mm Dia x 500mm
Foils/Ribbons	0.15mm 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:

IS: 2927	BS: 1845	DIN: 8513	AWS: A5.8	DIN EN: 1044	NFA81-362	ISO: 3677	AMS
BaCuAg14	AG15	L-Ag44	BAG-5	AG203	45 A2	BAG45CuZn 660-740	-

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.