SILVERFOS 2

Nominal Composition [%]	Ag 2; Cu 91,3; P 6,7
Impurity max. %	Al 0,001; Bi 0,030; Cd 0,010; Pb 0,025; Zn 0,05; Zn+Cd 0,05
Total of all impurities [%]	0,25

International Specification

EN ISO 17672:2016	CuP 279	***DIN 8513***	*(L-Ag2P)*
AWS A5.8-92	BCuP-6	***(EN 1044:1999)***	*(CP 105)*
ISO 3677:1992			

SaldFlux Specification (SF)

SF	-

Technical Data

Melting Point	c.a. 645 - 825 °C
Working Temperature	c.a. 740° C
Density	8,1 gr/cm3
	250 Mpa
Elongation	5%
Electrycal Conductivity	approx. 5,0 m/? mm2

Available Forms

Wire: from Ø 1,0 mm to Ø 3,0 mm - on coils or spools.
Extruded bare rods: Ø 1,5, Ø 2,0 mm, Ø 3,0 mm
Other diameter upon request.
Length: 500 mm - 1000 mm.
Other length upon rquest.

Applications

The Silverfos 2 is a phosphorous containing brazing alloy used for joining copper and copper alloys. Due to its P content, it is considered self-fluxing: it means that no additional flux is required when joining copper to copper. On the contrary, it is not used for joining steels or materials containing iron and nickel cobaltas. Typical applications are in refrigeration and air conditioning industry (it is used for service temperatures down to -50°C); in electric industry and in the plumbing trade. This brazing alloy is used for brazing with induction heating, with flame and in a furnace. Always in good and sure areas.

Base Metals

Copper to copper without flux, with flux also brass, bronze, red brass. Not for application in media containing sulphur. Not for Fe and Ni alloys