

TECHNICAL DATA SHEET

SILVERFOS 18

Phoscopper Brazing alloys, Cadmium Free

EN ISO 17672:2016	CuP 285
AWS A5.8-92	-
ISO 3677:1997	-
DIN 8513	-
(EN 1044:1999)	-

Nominal Composition [%]

Ag	Cu	P	Sn			
18	75	7	-			

Technical Data

Melting Point	c.a. 645-670 °C
Working Temperature	c.a. 655°C
Density	8,6 gr/cm ³
Tensile strength	250 Mpa
Elongation	c.a. 8%
Electrycal Conductivity	- m/ mm ²



Applications

SILVERFOS 18 is a phosphorous alloy used for joining copper and copper based materials with excellent flow characteristics.

Not for application in media containing sulphur. Not for Fe and Ni alloys

Base Metals

Copper to copper without flux, with flux also brass, bronze, red brass.

Heat Sources

Flame, induction or furnace in a protected environment

Bare rods	Fluxcoated	Wire < Ø 1,0	Wire > Ø 1,0	Foil	Extruded bars	Rings
X	-	X	X	-	-	X