

COPPER PHOSPHORUS WITH 2% SILVER

Item#	EAN	MDM	Dimensions
867851	3660338217623	9248897	Ø2,0 MM x 36 U



Description

This alloy is recommended for conventional assemblies at standard flow and is self-stripping on red copper. This grade contains 2% silver and is doped with phosphorus for improved capillarity. Copper to copper joints by Copper-copper joints by sleeving and tapping, heat exchangers (hot/cold), ventilation systems.

Specifications

Alloy	Working Temperature (°C)	NF EN ISO 17672	AWS A-5.8	DIN 8513	EN ISO 3677	AMS
Cu-P-Ag	740	CuP 279	-	L-Ag 2P	B-Cu92PAg-645/825	-

Typical Chemical compositions (%)

Cu	P	Ag	Al	Bi	Cd	Pb	Zn	Zn + Cd	Max. impurities
Reminder	6,6	2,0	<0,01	<0,03	<0,01	<0,025	<0,050	<0,050	<0,25

Typical Physical Properties

Colour	Solidus (°C)	Liquidus (°C)	Density (g/cm³)	Elongation (%)	Tensile strength (Mpa)	Electrical Conductivity (%IACS)	Electrical Resistivity (Micro-ohm-cm)
Copper	645	825	8,1	6	550	9,1	18,95