

L-Ag5P

CATEGORY Brazing

TYPE Copper phosphorus silver brazing alloy.

APPLICATIONS Particularly recommended for sanitary and refrigerating equipment. Suitable for working temperatures up to 200°C

PROPERTIES Excelent flowing alloy with high purity offering strong brazing joints. Do not use in a sulphurous environment.

CLASSIFICATION

AWS	A 5.8: BCuP-3
EN ISO	1044: CP 104 17672: CuP 281
DIN	8513: L-Ag5P

SUITABLE FOR Copper to copper (without flux). Brass, copper and copper-tin alloys (with flux).

APPROVALS CE approved

WELDING POSITIONS:



FILLER METAL ANALYSIS %

Ag	Cu	Si	P
5	89	0.02	6

MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} (N/mm ²)	R _m (N/mm ²)	Weight g/cm ³	Operating temperature °C	Impact Energy (J) ISO-V		Melting range °C
					-40°C	-60°C	
As brazed		250	8.2	710			645-800

BRAZING PARAMETERS / PACKING

Welding Parameters		Flame type	Optimum brazing	Packing	
D (mm)	Length (mm)	Adjustment	Gab (mm)	kg / tube / carton	kg spool
1.5	500 / 1000	Neutral	0.06-0.13	1 / 5 / 20	1 till 10

REDRYING TEMPERATURE not required

OTHER DELIVERY FORMS Endless wire on spools and customized brazing rings