

FONTARGEN AP 3018

Copper-phosphorus paste with high silver content



ISO 17672:	CuP 286
DIN EN 1044:	CP 101
DIN 8513:	L-Ag18P
EN ISO 3677:	B-Cu75AgP-645

Composition, typical analysis (% w/w):

Ag	Cu	P
18	75	7

Mechanical and physical properties:

Working temperature:	650 °C
Melting range:	645 °C (Eutectic)
Specific gravity:	8.7 g/cm ³ (Metal content)

Characteristics / Applications:

AP 3018 is a thin fluid copper-phosphorus alloy with high silver content and high ductility, even at low temperatures. It is suitable for gap brazing of copper and copper alloys. It is recommended for joints with strong thermal load and vibrations and for brazing joints with working temperatures between -70 °C and +150 °C. Do not use in sulphurous environment and on Fe- and Ni-alloys.

Heat sources:

Acetylene torch, air-gas torch, furnace, induction and resistance heating.

Flux:

None - For copper applications there is no need of flux.

Storage:

Keep sealed, under stable temperatures in dry rooms. Optimum temperature range is between 5 and 20 °C. Stir well before use.

Shelf life:

6 months in pots; 3 months in cartridges > 175 ccm; 6 weeks in cartridges < 175 ccm

Availability:

On request

Pots	Cartridges
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

13/10/JL/1