

# FONTARGEN AP 2003

## Copper-phosphorus brazing paste alloy



ISO 17672:	CuP 180
DIN EN 1044:	CP 202
EN ISO 3677:	B-Cu93P-710/820
DIN 8513:	L-CuP7

### Composition, typical analysis (% w/w):

Cu	P
93	7

### Mechanical and physical properties:

Working temperature:	730 °C
Melting range:	710 - 820 °C
Specific gravity:	8.1 g/cm <sup>3</sup> (Metal content)

### Characteristics / Applications:

Filler metal with good flowing properties and capillarity. The AP 2003 is suitable for gap brazing of copper and copper alloys. For joints with a working temperature between -20 °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

### Availability:

On request

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

13/10/JL/1