

GASFLUX AG-05 PHOS COPPER BRAZING ALLOY

Alloy: BCuP-3

AWS A5.8 Class BCuP-3

ASME SFA5.7 Class BCuP-3

Q9-B-650 Class BCuP-3

Chemical Composition of AG-05 (BCuP-3)

Cu	Ag	P	Total Others
Balance	5%	6%	0.15%

Single values are maximum unless otherwise specified.

Solidus: 1190°F (643°C)
Liquidus: 1495°F (813°C)
Brazing Range: 1325-1500°F
(718 – 816°C)

Color: Light Copper
Specific Gravity: 8.13

AG-05 is a Phos-copper brazing alloy that is primarily used for the joining of copper to copper on vibration free joints. It is most effective for brazing tight fitting copper pipe and tubing. This alloy is self-fluxing on copper joints. However, when used with a copper alloy a brazing flux must be used. The flow point of **AG-05** is 1325°F (718°C).

