

## Cu-DPA Copper Tubes

C107 / Cu-DPA (arsenical copper)

C107 (Cu-DPA) is a copper alloy with a small addition of arsenic which enhances tensile strength properties at elevated operating temperatures up to 300oC. As well as increasing the softening resistance, the arsenic also enhances corrosion resistance in specific environments. This grade is deoxidised, which gives it freedom from hydrogen embrittlement, making it ideal for applications requiring welding and brazing. C107 has excellent fabrication characteristics and is typically specified for boiler plates and stay bolts in steam locomotive fireboxes.



### Chemical properties | Element | Weight % | Comment

Element	Weight %	Comment
Cu	Balance	
As	0.3 - 0.5 %	
Fe	0.03 %	
P	0.03 %	

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