

Meta-Braze™ 283

Silver Copper Phosphorous Braze Alloy

Meta-Braze™ 283 is a free flowing alloy making it suitable for narrow gaps. It is a low ductile alloy. Used for brazing copper tubes in air conditioning and refrigeration systems. This is a self fluxing alloy when brazing copper but a flux will be required when brazing brass or bronze.

Standard	ISO 17672:2016 CuP 283	Reference Standards AWS A5.8 CuP-4						
Melting Range	645°C - 720°C	Brazing Temperature: 720°C						
Chemical Composition	<table border="0"> <tr> <td>Copper</td> <td>86.75%</td> </tr> <tr> <td>Phosphorus</td> <td>7.25%</td> </tr> <tr> <td>Silver</td> <td>6%</td> </tr> </table> <p>Impurities as per ISO 17672 Table 1</p>		Copper	86.75%	Phosphorus	7.25%	Silver	6%
Copper	86.75%							
Phosphorus	7.25%							
Silver	6%							
Conditions for Use	<p>Recommended Processes: Flame or Induction. Recommended Gap Size: - 0.05 – 0.2mm</p>							
Physical Properties	Density – 8.1g/cm ³							
Forms of Supply	Rod – Wire							

