

## Technical Data Sheet.

Product	<b>Safrabraze 2AG 2% Silver Copper-Phos Brazing Alloy</b>
Description	<b>This is a self-fluxing silver-copper-phosphorus alloy suitable for the brazing of copper and high copper content alloys.</b>
Nominal Composition	<b>Silver            2.0%</b> <b>Copper          91.7%</b> <b>Phosphorus    6.3%</b>
Melting Range	<b>Impurities to ISO 17672:2010 Group CuP</b> <b>This alloy conforms to ISO 17672:2010 CuP 279</b>
Brazing Temperature	<b>Solidus 645°C</b> <b>Liquidus 825°C</b>
Tensile Strength	<b>740°C (minimum)</b>
Elongation	<b>Unlike silver brazing alloys, silver-copper-phosphorus filler metals are sufficiently fluid for brazing at a temperature significantly below the liquidus temperature of the alloy.</b>
Hardness	<b>490 N/mm<sup>2</sup></b>
Electrical Conductivity	<b>5%</b>
Electrical Conductivity	<b>195 HV</b>
Electrical Conductivity	<b>9.0% IACS at 20°C</b>



The information provided in this Technical Data Sheet is correct to the best of our knowledge, information and belief at the date of publication. The information given is designed only as guidance and is not considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text. For safety information refer to the relevant Material Safety Data Sheet.