



Johnson Matthey develops and manufactures a wide range of high technology products, many of which provide environmental and quality of life benefits. **SiIBRAZE** is a family of high quality Cadmium Free brazing and other metal joining products designed to meet the exacting needs of the plumbing, HVAC&R, engineering, agricultural and other industries using silver and bronze brazing and welding. Our silver brazing alloys are manufactured to the highest standards with conformance to the requirements of **BS EN ISO 17672-2010**, Australian Standard 1167, as well as Watermark™ certification for all of our low-silver phosphorus alloys. The product range includes phosphorus copper alloys, silver copper phosphorus alloys, high silver Cadmium Free brazing alloys, engineering bronzes, flux coated brazing rods and fluxes.



SiBRAZE 2P

Produced according to:

- **BS EN ISO 17672:2010, Table 7, Alloy No. CuP 279**
- **AS1167.1 B2**

SiBRAZE 5P

Produced according to:

- **BS EN ISO 17672:2010, Table 7, Alloy No. CuP 281**
- **AS1167.1 B3**

BS EN ISO 17672:2010
ISO 17672:2010(E)

Table 7 – Class CuP: copper-phosphorus brazing filler metals

Code	Composition, % by mass				Melting temperature (approximate)		Indicative minimum brazing temperature ^a
	Cu	P	Ag	Other	Solidus	Liquidus	
		min./max.	min./max.	min./max.	°C	°C	
Ag-CuP alloys							
CuP 279	Remainder	5,9/6,7	1,5/2,5	—/—	645	825	740
CuP 281	Remainder	5,8/6,2	4,8/5,2	—/—	645	815	710