

XP CuP BRAZE 281

OXY-FUEL BRAZING



CLASSIFICATIONS

EN ISO 17672	AWS - A5.8
CuP 281	BCuP-2

KEY FEATURES AND APPLICATIONS

- CuP BRAZE 281 is a silver-copper-phosphorus brazing alloy.
- Typically used to join copper-to-copper or copper based base materials (e.g. bronze / brass).
- Copper-to-copper joints are self-fluxing due to the phosphorus content.
- Suitable for use with our XP FLUX CU1.
- Commonly used in the refrigeration and air conditioning industries.

CHEMICAL COMPOSITION OF WIRE %

	Cu	P	Ag
MIN	Remainder	5.8	4.8
MAX		6.2	5.2

Single values are maximum values according to EN ISO 17672

BRAZING TEMPERATURE RANGES

Solidus Melting Temperature	Liquidus Melting Temperature	Recommended Brazing Temperature
645°C	815°C	~720°C

Temperature ranges are not guaranteed since actual as welded conditions depend on numerous variables

PACKAGING AND AVAILABLE SIZES

Part Number	Diameter (mm)	Length (mm)	Weight (kg)	Packaging
XP50660	1.5	500	1	PAP 20 Tube
XP50661	2.0	500	1	PAP 20 Tube
XP50662	2.5	500	1	PAP 20 Tube
XP50663	3.0	500	1	PAP 20 Tube