

XP CuP BRAZE 182

OXY-FUEL BRAZING



CLASSIFICATIONS

EN ISO 17672

CuP 182

KEY FEATURES AND APPLICATIONS

- CuP BRAZE 182 is a 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
MIN	Remainder	7.5
MAX		8.1

Single values are maximum values according to EN ISO 17672

BRAZING TEMPERATURE RANGES

Solidus Melting Temperature	Liquidus Melting Temperature	Recommended Brazing Temperature
710°C	770°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
XP50650	1.5	500	1	PAP 20 Tube
XP50651	2.0	500	1	PAP 20 Tube
XP50652	2.5	500	1	PAP 20 Tube
XP50653	3.0	500	1	PAP 20 Tube