

## XP CuP BRAZE 179

OXY-FUEL BRAZING



### CLASSIFICATIONS

EN ISO 17672

CuP 179

### KEY FEATURES AND APPLICATIONS

- CuP BRAZE 179 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	5.9
MAX		6.5

Single values are maximum values according to EN ISO 17672

### BRAZING TEMPERATURE RANGES

Solidus Melting Temperature	Liquidus Melting Temperature	Recommended Brazing Temperature
710°C	890°C	~760 °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
XP50645	1.5	500	1	PAP 20 Tube
XP50647	2.0	500	1	PAP 20 Tube
XP50648	2.5	500	1	PAP 20 Tube
XP50649	3.0	500	1	PAP 20 Tube