

## XP Cu BRAZE 470 (MICRO COATED) OXY-FUEL BRAZING

### CLASSIFICATIONS

EN ISO 17672	AWS - A5.8
Cu 470	RBCuZn-A

### KEY FEATURES AND APPLICATIONS

- Cu BRAZE 470 is a copper-zinc, micro coated brazing alloy.
- Typically used on steel, copper, copper alloys, nickel, nickel alloys, and stainless steel when corrosion resistance is not a concern.
- Due to the high zinc content, the heating cycle should be minimised to avoid zinc vaporisation.
- Flux/paste not required.
- Commonly used across various sectors such as tubular manufacturing (for items like metal furniture and bicycle frames), mining equipment, and heating/cooling infrastructure.

### CHEMICAL COMPOSITION OF WIRE %

	Cu	Zn	Sn
MIN	57.0	Remainder	0.2
MAX	61.0		0.5

Single values are maximum values according to EN ISO 17672

### BRAZING TEMPERATURE RANGES

Solidus Melting Temperature	Liquidus Melting Temperature	Recommended Brazing Temperature
875°C	895°C	~910 °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
XP50678	2.5	500	2.5	PAP 20 Tube
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