

XP Cu BRAZE 470 (FLUX 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, flux 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
XP50675	2.5	1000	2.5	PAP 20 Tube
XP50676	3.0	1000	2.5	PAP 20 Tube