PRODUCT INFORMATION

SIFCUPRON No 17

EN 1044: CP201,
BS: 1845 CP3
DIN8513: L-Cu7P

DESCRIPTION

Sifcupron No17 is a free-flowing copper phosphorus alloy rod, containing a nominal 7% phosphorus. It's good electrical conductivity and corrosion resistance make it ideal for copper tubing, switchgear, motors etc. When brazing copper it has a self-fluxing capability.

WELDING POSITIONS

Suitable for use in heating and ventilation industries, ship-building, and offshore processes and industries. It offers a low level of ductility, so is not suitable for applications where vibration or deformation are likely.

TYPICAL WELD METAL COMPOSITION

P	7 %
Cu	Bal

TYPICAL MECHANICAL PROPERTIES

Melting Point	705-800 ℃
Ult Tensile Strength	500 N/mm²
Hardness	200

MATERIAL TO BE WELDED

This high quality copper-phosphorous alloy rod has a low melting point and is ideal for brazing joints in non ferrous metals, such as copper, brass, and bronze. It is self fluxing on copper but Sifsilcopper flux is required when used to join brass, or brass to copper. Not suitable to braze iron-containing materials like carbon or stainless steels or nickel-containing materials.

AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia	1.0kg Pkt	2.5kg Ctn	5.0kg Ctn
1.5mm	RO171501	RO171525	RO171550
2.4mm	RO172401	RO172425	RO172450
3.2mm	RO173201	RO173225	RO173250

Gas Brazing
Oxy Acetylene
Oxy Propane