

## PRODUCT INFORMATION

### SIFCUPRON No 17-15Ag

EN 1044: CP102,  
BS: 1845 CP1  
AWS A5.8 BCuP-5

## DESCRIPTION

A silver copper-phosphorus brazing alloy which is used to braze copper and copper alloys. With 15% silver for stressed applications, it is ideal for poor fitting joints. It is one of the most ductile of the silver-copper phosphorus brazing filler metals, and is recommended where a self-fluxing alloy must be used and joint ductility is a factor. Sifcupron No. 17 finds extensive use in electrical engineering applications where it is used to make electrically conductive joints.

## WELDING POSITIONS



Suitable for use in heating and ventilation industries, ship building, offshore industries, refrigeration, and electrical industries.

## TYPICAL WELD METAL COMPOSITION

Ag	15 %
P	5 %
Cu	Bal

## TYPICAL MECHANICAL PROPERTIES

Melting Point	645-700 °C
Ult Tensile Strength	640 N/mm <sup>2</sup>
Hardness	185

## MATERIAL TO BE WELDED

This product is highly suited to the ship building and offshore industries, as well as the electrical motor industries. It is ideal for stressed applications where poor fitting joints are problematic. Rapid heating to the brazing temperature is required to avoid liquation. Use Sifsilcopper flux when brazing copper alloys, brass, bronze etc.

## AVAILABLE FORMATS

1M ROD (TIG / GTAW)		
Dia	1.0kg Pkt	6 rod/Pkt
1.5mm	RX181500	RO181506

Gas Brazing
Oxy Acetylene
Oxy Propane

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@wholeweld.co.uk](mailto:service@wholeweld.co.uk)

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