SIFTIG C13
Aluminium Bronze Alloy TIG Rod

SIFALBRONZE No. 32

This is a 90/10 aluminium bronze rod suitable for welding materials of a similar composition. It is also used for surfacing and dissimilar metal joints and TIG brazing on ferrous and dissimilar metals.

Can be used on aluminium bronze alloys: CuAl8Fe3, CuAl10FeMn2, CuAl9Mn9, and cast aluminium bronzes G-CuAl8 and G-CuAl10Ni. It can be used to braze some dissimilar metals, including aluminium bronze to steel and copper to steel.

Suitable for use in shipbuilding, offshore power generation, and the repair and maintenance process industry. An excellent alloy for building up or overlapping for wear resistance and corrosion resistance.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Typical Weld Metal Composition

Al	10%	Fe	1%	Cu	Bal

Typical Mechanical Properties

Melting Point	1030°C
Ultimate Tensile Strength	500N/mm^2
Hardness	95

Available Formats

Dia.	1kg	2.5kg	5kg
1.6mm	RO321601	RO321625	RO321650
2.4mm	RO322401	RO322425	RO322450
3.2mm	RO323201	RO323225	RO323250

Standards

EN ISO 24373 : Cu 6180 (CuAl10Fe)
AWS A5.7: ERCuAl-A2
(BS 2901: C13)