

## PRODUCT INFORMATION

**SIFALBRONZE NO 44**

EN 14640 CU 6328 (CUAL9NI5)

## DESCRIPTION

Nickel aluminium bronze for AB2 material and marine/corrosive applications and can be used for the assembly of cupro-aluminium materials of similar composition.

## WELDING POSITIONS



Applications: ship propellers, parts for turbines, bearings, valves, sifters, pumps, pipe systems, apparatus engineering, containers. Overlay welding on steel and aluminium bronze including multi-component alloys

## TYPICAL WELD METAL COMPOSITION

Cu	Balance
Al	9
Ni	4.5
Fe	3.25
Mn	1.5

## TYPICAL MECHANICAL PROPERTIES

Ult Tensile Strength	380
Yield Stress	500
Elongation	16%
Impact Value	68 J (20 °C)

## MATERIAL TO BE WELDED

Increased resistance against wear and abrasion, for example when seawater, cavitations and erosion are simultaneously affecting the welding material.

## AVAILABLE FORMATS

### WIRE (TIG)

Dia	Part Number	Weight	Length
2.4mm	RO442401	1.0kg	1000mm
2.4mm	RO442425	2.5kg	1000mm
2.4mm	RO442450	5.0kg	1000mm

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



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Doc Ref : SIF/PI/ RO442450