



PRODUCT INFORMATION

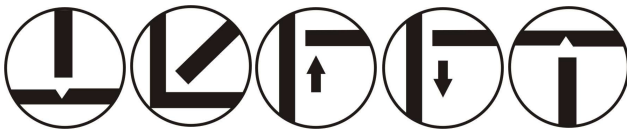
SIFALBRONZE NO 44

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



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