

PRODUCT INFORMATION

SIFAlumin No14

EN ISO 18273 S Al 1070 (Al99.7)
BS 2901 1050 A (GIB) (NG3)

DESCRIPTION

A pure aluminium (99.5% minimum) shaved rod which has a maximum of 0.5% alloying elements. This rod produces a ductile weld equal in strength to that of the base metal. The weld is capable of being hammered, stretched and drawn into a shape without fracture.

WELDING POSITIONS



For use in all positions.

TYPICAL WELD METAL COMPOSITION

Si	0.25%
Fe	0.4%
Cu	0.05%
Mn	0.05%
Mg	0.05%
Zn	0.07%
Ti	0.05%
Al	99.5%

TYPICAL MECHANICAL PROPERTIES

Melting Point	650°C
Ult Tensile Strength	105 N/mm²
Hardness	35

MATERIAL TO BE WELDED

Suitable for welding unalloyed aluminium products, such as aluminium alloy types 1050, 1070, 1200 and equivalents. Used in applications in electronic, electrical and construction industries, equipment and containers for food, chemical, brewing and atomic energy industries, and decorative assemblies in architecture and transport.

AVAILABLE FORMATS

WIRE RODS		
Dia	1kg	2.5kg
1.6mm	RO141601	RO141625
2.4mm	RO142401	RO142425
3.2mm	RO143201	RO143225

Shielding Gas :	Ar/ArHe
Current :	DC=-

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com



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