SIFTIG 1050A Aluminium TIG Rod

SIFALUMIN No. 14

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

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

Positions



For use in all positions.

Current AC
Shielding Gas Ar/ArHe

Available Formats

Dia.	2.5kg
1.6mm	RO141625
2.4mm	RO142425
3.2mm	RO143225

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
Ultimate Tensile Strength	105N/mm^2
Hardness	35

Standards

EN ISO 18273 : S Al 1050A (Al99.5)
(BS 2901 1050 A (GIB)
(BS 1845 (NG3)