SIFTIG A18/70S-6
Mild Steel TIG Rod

A copper-coated, deoxidised steel rod for TIG welding unalloyed and low-alloyed steels. To be used in combination with Thoriated, Ceriated, or Lanthanated tungsten electrodes.

Suitable for applications in general maintenance and repair, construction, pressure vessel and boiler production, and the automotive industry.

Can be used on structural, boiler, pipe, cast and fine-grain steels.

Positions



For use in all positions, except vertical down.

Current DC=-
Shielding Gas Pure Argon

Available Formats

Dia.	5kg
1.0mm	RA181050
1.2mm	RA181250
1.6mm	RA181650
2.4mm	RA182450
3.2mm	RA183250

Typical Weld Metal Composition

C 0.1% Si 1.0% Mn 1.3%

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	400N/mm^2
Hardness	120

Standards

EN ISO 636-A W 46 4 Z W3Si1
AWS A5.18 ER70S-6
(BS 2901 A18)