SIFTIG A15/70S-2 Mild Steel TIG Rod

Our SIFTIG A15/70S-2 is a copper-coated, triple-deoxidised mild steel rod. When used with the TIG process, it enables sound, porosity-free welds on mild and low-alloy steels. Typical applications include pipe welding and root runs on heavy vessels.

It is suitable for use on mild and medium tensile steels and is also ideal for welding rusty and mill-scaled plates. The rod is compatible with Thoriated, Ceriated, or Lanthanated tungsten electrodes and pure argon shielding gas.

Primarily used for single-pass applications on steels, it also performs well on surfaces that have not been cleaned prior to welding.

Positions



For use in all positions, except vertical down.

Current DC=-
Shielding Gas Pure Argon

Typical Weld Metal Composition

C 0.1% Si 0.6% Mn 1.3%
Al 0.2%

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	440N/mm^2
Hardness	120

Available Formats

Dia.	5kg
1.0mm	RA151050
1.2mm	RA151250
1.6mm	RA151650
2.4mm	RA152450
3.2mm	RA153250

Standards

EN ISO 636-A: W 46 2 2
EN 1668 W2Ti
AWS ER70S-2
(BS 2901 A15)

CE