SIFTIG A31/80S-D2 Alloy Steel TIG Rod

SIFTIG A31/80S-D2 Alloy Steel TIG Rod is our copper-coated alloy steel rod containing 0.5% molybdenum. Suitable for use in low-temperature pressure vessels and pipework applications, this low-alloy solid wire is designed for welding low-carbon steels with high tensile strength and creep-resistant steels.

Suitable for pipelines and pressure vessels with operating temperatures of about 500 °C.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Typical Weld Metal Composition

C 0.1% Si 0.7% Mn 1.8%
Mo 0.5%

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	460N/mm^2
Hardness	180

Available Formats

Dia.	5kg
1.6mm	RA311650
2.4mm	RA312450

Standards

EN ISO 636-B: W 57 A 3
AWS ER 80S-D2
(BS 2901 A31)

CE