SIFMIG A31 - ER80S-D2
Low Alloy Steel MIG Wire

A copper-coated, alloy steel wire containing 0.5% Molybdenum, designed for welding low-alloy steels with high tensile strength and creep-resistant steels. Good impact strength at low temperatures.

Suitable for use on pipelines and pressure vessels with operating temperatures of about 500 °C. It can also be used in applications for repairing steel castings.

Positions



For use in all positions.

Current DC=+
Shielding Gas ArCO_2

Available Formats

Dia.	15kg
1.0mm	WA311015
1.2mm	WA311215

Typical Weld Metal Composition

C 0.1%	Si 0.7%	Mn 1.8%
S 0.01%	P 0.01%	Cu 0.12%
Mo 0.5%		

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	450N/mm^2
Hardness	180

Standards

EN ISO 14341-A-G4Mo
AWS A5.18 ER80S-D2
(BS 2901 A31)