PRODUCT INFORMATION

SIFMIG A31

EN ISO 14341-A: G 46 0 C1 4Mo (G4Mo)
BS: 2901 A31,
AWS A 5.28: ER80S-D2

DESCRIPTION

A copper coated, low-alloy steel wire containing 0.5% molybdenum. It is suitable for use on creep-resistant steels of similar composition, and in low-temperature pressure vessel and pipework applications.

WELDING POSITIONS

This copper-coated low-alloy MIG wire provides a higher tensile strength and improved low-temperature performance.

TYPICAL WELD METAL COMPOSITION

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

TYPICAL MECHANICAL PROPERTIES

Melting Point	1450℃
Ult Tensile Strength	460 N/mm²
Charpy V Impact @ -20℃	~100 J
Elongation	180

MATERIAL TO BE WELDED

This alloy is commonly used in pipeline applications, for heat exchangers, boilers, piping and pressure vessels for temperature service up to about 500℃. It will also find applications in the crane, excavator and offshore sectors.
To be used under the shield of Ar+CO2 or CO2 gas.

AVAILABLE FORMATS

SPOOLED WIRE (MIG / GMAW)			
Dia			15kg
0.8mm			WA310815
1.0mm			WA311015
1.2mm			WA311215

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@weldability-sif.com**

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