

## PRODUCT INFORMATION

### SIFSTEEL A31

EN ISO 21952-A : 2007 W Mn Mo  
BS: 2901 A31  
AWS A 5.28: ER 80S-D2

## DESCRIPTION

A copper-coated alloy steel rod containing 0.5% molybdenum. Suitable for use on low temperature pressure vessel and pipe work applications.

## WELDING POSITIONS



Low-alloy copper-coated solid wire, with 0.5% Mo, designed for welding low-alloy steels with high tensile strength and creep-resistant steels.

## TYPICAL WELD METAL COMPOSITION

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

## TYPICAL MECHANICAL PROPERTIES

Melting Point	1450 °C
Ult Tensile Strength	460 N/mm <sup>2</sup>
Hardness	180

## MATERIAL TO BE WELDED

Suitable for pipelines and pressure vessels with operating temperatures of about 500 °C. To be used under the shield of Ar+CO<sub>2</sub> or CO<sub>2</sub>.

## AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia			5.0kg Ctn
1.6mm			RA311650
2.4mm			RA312450

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@wholeweld.co.uk](mailto:service@wholeweld.co.uk)

Doc Ref : SIF/PI/RA311650



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