

PRODUCT INFORMATION

SIFSTEEL A17

BS 2901 Pt1 : A17
EN ISO 636-A : 2008 W2Si Z

DESCRIPTION

A copper-coated double de-oxidised mild steel rod. Used with the TIG process it enables sound, porosity-free welds to be made on mild and low alloy steels. The low silicon content makes SifSteel A17 suitable for welding joints that will be subjected to enamelling or galvanising.

WELDING POSITIONS



Often used for root pass on steels. Suitable for use in all positions.

TYPICAL WELD METAL COMPOSITION

| | |
|----|------|
| C | 0.1% |
| Si | 0.3% |
| Mn | 2.0% |

TYPICAL MECHANICAL PROPERTIES

| | |
|----------------------|------------|
| Melting Point | 1450°C |
| Yield Strength | ~400 N/mm² |
| Ult Tensile Strength | ~430 N/mm² |
| Elongation | 23% |
| Hardness | 120 |

MATERIAL TO BE WELDED

Suitable for use on mild and medium tensile steels. TIG weld with Thoriated, Lanthanated or Ceriated tungsten electrode, and pure argon shielding gas.

AVAILABLE FORMATS

| 1M Rod (TIG / GTAW) | |
|---------------------|-----------|
| Dia | 5.0kg Ctn |
| 1.6mm | RA171650 |
| 2.4mm | RA172450 |

| | |
|-----------------|------------|
| Shielding Gas : | Pure Argon |
|-----------------|------------|

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



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