

3010200523 Weldstar 0.8mm 15kg Mig Wire



Part No: 3010200523

Price: £34.95 (exc VAT) | £41.94 (inc VAT)

Specifications

3010200523 Weldstar 0.8mm 15kg Mig Wire

Features and Applications

A Copper coated solid wire suitable for single pass or multipass welding of unalloyed and low-alloyed carbon-manganese steels.

Good mechanical properties at sub-zero temperatures down to -40°C.

Vacuum-sealed aluminium foil packaging to prevent moisture absorption.

Precision layer wound for superior wire feeding characteristics.

Typically used on boilers, industrial machinery, bridges, shipbuilding, automotive, rail, structural and engineering fabrications etc.

Green wire is produced using virgin raw materials sourced from specialised steel mills, which ensures consistent reliability and quality.

Typical Base Materials:

S185, S235, S275, S355 - Grade A, B, D, AH32 to DH36 - L210, L240, L290, L360, L240NB, L290NB, L360NB, L360QB, L240MB, L290MB, L360MB,

L415MB - X42, X46, X52, X60 - P235T1, P235T2, P275T1 - P275T2, P355N - P235GH, P265GH, P295GH, P355GH - S275, S355, S420, S275M, S275ML, S355M, S355ML, S420M, S420ML*

* Illustrative, not exhaustive list

Standards:

EN ISO 14341-A - G 42 3 C1 / G 42 4 M21 3Si1

AWS A5.18 - ER 70S-6

Mechanical Properties (Typical)

Shielding Gas C1 M21

Tensile Strength 540 MPa 580 MPa

Yield Strength 440 MPa

460 MPa

Elongation 30% 26%

Impact Strength 70 J 90 J

Test Temperature -30°C -40°C

Mechanical properties are approximate and may vary based on the heat, shielding gas, welding parameters and other factors.

Welding Parameters

Ømm Current (A) Voltage (V)

0.60 mm 50-100 15-20

0.80 mm 60-200 18-24

1.00 mm 80-300 18-32

1.20 mm

120-380 18-34

1.40 mm 150-420 20-36

1.60 mm 220-500 28-38

Shielding Gases

EN ISO 14175 - C1, M21

Welding Positions

EN ISO 6947 - PA, PB, PC, PD, PE, PF, PG