SIFMIG ZERO SG2/A18
G3Si1 Mild Steel MIG Wire

Double-deoxidised mild steel MIG wire, free from copper coating for use in general construction, automotive components, pressure vessel fabrication and shipbuilding. Manufactured with a high-quality uncoppered finish for improved feeding and conductivity, the absence of copper on the wire surface of SIFMIG ZERO SG2/A18 results in a cleaner deposit and avoids the metallurgical risks of increased copper in the weld pool.

The arc-stability characteristics, low fume emission, low visible fume and improved feedability of the SIFMIG ZERO SG2/A18 make it ideal for robotic or automated processes, where welding steadiness and uniformity are essential in order to avoid welding defects and very expensive cycle interruptions.

Positions



For use in all positions.

Current DC=+
Shielding Gas CO_2, ArCO_2

Available Formats

Dia.	18kg	250kg
1.0mm	WA201018	WA2010250
1.2mm	WA201218	WA2012250

Typical Weld Metal Composition

C 0.1% Si 0.9% Mn 1.5%

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	530-580N/mm^2
Impact Value	90J @-20°C
Elongation	26%

Standards

EN ISO 14341-A-G 42 4 C1
AWS A5.18 ER70S-6

CE