SIFMIG A32 - ER80S-B2
Low Alloy Steel MIG Wire

A copper-coated alloy steel wire containing 1.25% chromium and 0.5% molybdenum. It is ideal for low-alloy and creep-resistant steels.

Low-alloy copper-coated MIG wire with 1.25% Cr and 0.5% Mo content, to be used for the welding of creep-resistant steel. It is used in the chemical industry and the ammonia synthesis process, for heat exchangers, boilers, piping, and pressure vessels for temperature service up to about 550°C.

It will also find applications in the petrochemical industries, suitable for facing castings and casting repairs.

Positions



For use in all positions.

Current DC=+
Shielding Gas Ar/ArCO_2

Available Formats

Dia.	15kg
0.8mm	WA320815
1.0mm	WA321015
1.2mm	WA321215

Typical Weld Metal Composition

C	0.1%	Si	0.5%	Mn	1.0%
Cr	1.25%	Mo	0.5%		

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	500N/mm^2
Hardness	180

Standards

EN ISO 21952-A: G CrMo1Si
AWS A5.28 : ER80S-B2
(BS 2901 A32)