SIFTIG A33/80S-Ni2 Alloy TIG Rod

SIFTIG A33/80S-Ni2 Alloy TIG Rod is a copper-coated alloy steel rod containing 2.25% chromium and 1.0% molybdenum. It is suitable for high-temperature and high-pressure applications on materials of similar composition and creep-resistant steels.

It is used in the chemical industry and in the ammonia synthesis process, for heat exchangers, boilers, piping, and pressure vessels for temperature service up to around 600 °C. It also finds applications in the petrochemical industry.

Suitable for facing on castings and for casting repairs.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Typical Weld Metal Composition

C	0.1%	Si	0.5%	Mn	1%
Cr	2.25%	Mo	1.0%		

Typical Mechanical Properties

Melting Point	1450°C
Ultimate Tensile Strength	525N/mm^2
Hardness	200

Available Formats

Dia.	5kg
1.6mm	RA331650
2.4mm	RA332450

Standards

EN ISO 21952-A: W CrMo2Si
ER90S-B3 (A5.28)
(BS 2901 A33)

CE