SIFTIG 309LSi Stainless Steel TIG Rod

SIFTIG 309LSi Stainless Steel TIG Rod is our solid wire for TIG welding corrosion-resistant and heat-resistant CrNi steels, dissimilar metals, and buffering. This stainless rod contains higher levels of chromium and nickel. It can be used for joining materials of similar composition and also dissimilar stainless steels.

Typical applications include joining high-strength steels, unalloyed and low-alloyed heat-treatable steels, stainless, ferritic chromium and austenitic chrome-nickel steels, and austenitic manganese steels. SIFTIG 309LSi Stainless Steel TIG Rod is also suitable for joining clad steels.

Positions



For use in all positions.

Current DC=-
Shielding Gas Pure Argon

Available Formats

Dia.	5kg
1.6mm	RO341650
2.4mm	RO342450
3.2mm	RO343250

Typical Weld Metal Composition

C	0.1%	Si	1.0%	Mn	1.5%
Ni	13%	Cr	23%		

Typical Mechanical Properties

Melting Point	1440°C
Ultimate Tensile Strength	650N/mm^2
Hardness	180

Standards

EN ISO 14343 23 12 LSi
AWS A5.9 ER 309LSi
(BS 2901 309S93)

CE