

PRODUCT INFORMATION

SIFSTEEL STAINLESS 309LSi

EN ISO 14343: 23 12 LSi,
BS: 2901 309S93
AWS A5.9: ER 309LSi

DESCRIPTION

This stainless rod contains higher chromium and nickel. It can be used for joining material of similar composition and also dissimilar stainless steels.

WELDING POSITIONS



SIFSTEEL 309LSi is our solid wire for TIG welding corrosion resistant and heat resistant CrNi steels, dissimilar metals and buffering.

TYPICAL WELD METAL COMPOSITION

C	0.1 %
Si	0.4 %
Mn	1.5 %
Ni	13 %
Cr	26 %

TYPICAL MECHANICAL PROPERTIES

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

MATERIAL TO BE WELDED

Typical applications include joining high-strength steels, un- and low alloyed heat treatable steels, stainless, ferritic chromium and austenitic chrome-nickel steels, austenitic manganese steels. SIFSTEEL 309LSi is suitable for joining clad steels.

AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia	1kg Pkt	2.5kg Ctn	5.0kg Ctn
1.6mm	RO341601	RO341625	RO341650
2.4mm	RO342401	RO342425	RO342450

Current :	DC = -
Shielding Gas :	I1= Pure Ar Tungsten WT20

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email **service@wholeweld.co.uk**

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