SIFTIG 347
Stainless Steel TIG Rod

A niobium-stabilised stainless steel filler rod engineered to prevent weld decay and provide excellent corrosion resistance. Suitable for use on 18/8-type stainless steels such as 304, 321 and where the weld is subjected to temperatures above 400°C.

Typical applications include all industries where similar materials (including higher carbon types), as well as ferritic 13% Cr steels, are used. The resulting weld metal has excellent resistance to intergranular corrosion.

Suitable for use in shipbuilding, aerospace, turbine and offshore industries, power generation, construction, and for repair and maintenance in the process industries.

Positions



For use in all positions, except vertical down.

Current	DC =-
Shielding Gas	Pure Argon

Typical Weld Metal Composition

C	0.039%	Cr	19.66%	S	0.006%
Si	0.47%	Mn	1.78%	Ni	9.53%
Nb	0.47%				

Typical Mechanical Properties

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

Available Formats

Dia.	1kg	2.5kg	5kg
1.0mm	RO201001	RO201025	RO201050
1.2mm	RO201201	RO201225	RO201250
1.6mm	RO201601	RO201625	RO201650
2.4mm	RO202401	RO202425	RO202450

Standards

EN ISO 14343-A: W 19 9 Nb
AWS A5.9: ER347