



PRODUCT INFORMATION

SIFSTEEL STAINLESS 347

EN ISO 14343: 19 9 Nb,
BS: 2901 347S96

DESCRIPTION

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

WELDING POSITIONS



Suitable for use in the shipbuilding and offshore industries, power generation, general fabrication and construction, repair and maintenance, and the process industry.

TYPICAL WELD METAL COMPOSITION

C	0.03 %
Si	0.80 %
Mn	0.80 %
Ni	10 %
Cr	20 %
Nb	0.6 %
S	0.03 %
P	0.03 %

TYPICAL MECHANICAL PROPERTIES

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

MATERIAL TO BE WELDED

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 an excellent resistance and inter-granular corrosion.

AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia	1kg Pkt	2.5kg Ctn	5kg Ctn
1.0mm	RO201001	RO201025	RO201050
1.2mm	RO201201	RO201225	RO201250
1.6mm	RO201601	RO201625	RO201650
2.4mm	RO202401	RO202425	RO202450

Current:	AC/DC =+

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email service@weldability-sif.com



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