

PRODUCT INFORMATION

SIFMIG 347

EN ISO 14343 19 9 NbSi
BS 2901 347 S96

DESCRIPTION

A niobium stabilised stainless steel wire which prevents weld decay, giving excellent corrosion resistance. The high silicon content gives better arc stability and weld metal flow which improves bead appearance, particularly when dip transfer welding.

WELDING POSITIONS



Suitable for use in all positions.

TYPICAL WELD METAL COMPOSITION

C	0.04%
Si	0.8%
Mn	1.5%
Ni	9.7%
Cr	19.5%
Nb	0.6%
P	0.015%
S	0.10%
Mo	0.1%
Cu	0.1%
N	0.06%

TYPICAL MECHANICAL PROPERTIES

Melting Point	1440°C
Ult Tensile Strength	630 N/mm ²
Hardness	180

MATERIAL TO BE WELDED

Suitable for use on 18/8 type stainless steel, Nb and Ti stabilised such as 304, 321 and where the weld is subject to temperatures of 400°C and above.

AVAILABLE FORMATS

SPOOLED WIRE	
Dia	15kg
0.8mm	WO200815
1.0mm	WO201015
1.2mm	WO21215

Shielding Gas :	Ar/CO ₂
Current :	DC+

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



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