

PRODUCT INFORMATION

SIFSTEEL STAINLESS 308L

EN ISO 14343: 19 9 L
BS: 2901 308S92
AWS A5.9: ER 308LSi

DESCRIPTION

Stainless steel filler rod suitable for welding 18/8 (304) austenitic stainless steels, providing good corrosion and wear resistance. For gas welding use SIF STAINLESS flux.

WELDING POSITIONS



Used extensively for applications in various industries, including ship building and offshore engineering, the pressure vessel and boiler industry, construction work, repair and maintenance, the food processing industry, refrigeration, the furniture industry, and the petrochemical industry.

TYPICAL WELD METAL COMPOSITION

C	0.02 %
Si	0.4 %
Mn	1.5 %
Ni	10 %
Cr	21 %

TYPICAL MECHANICAL PROPERTIES

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

MATERIAL TO BE WELDED

Sifsteel Stainless 308L is our solid wire for TIG welding low carbon 18CR10Ni austenitic stainless steel grades. The weld metal has an excellent resistance to general and intergranular corrosion up to 350 °C and also provides good resistance to oxidising acids and cold reducing acids.

AVAILABLE FORMATS

1M ROD (TIG / GTAW)			
Dia	1kg Pkt	2.5kg Ctn	5.0kg Ctn
1.6mm	RO331601	RO331625	RO331650
2.4mm	RO332401	RO332425	RO332450
3.2mm	RO333201	RO333225	RO333250

Current:	DC = +
Shielding Gas:	Pure Argon

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



Registered in England No. 1684362
Registered Office: as above

Doc Ref: SIF/PI/RO331601