



**PRODUCT INFORMATION**

**SIFMIG 308LSI**

EN ISO 14343: 19 9 LSi,  
BS: 2901 308 S93  
AWS A5.9: ER 308LSi

**DESCRIPTION**

Stainless steel filler wire suitable for welding 18/8 (304) austenitic stainless steels, providing good corrosion and wear resistance.

**WELDING POSITIONS**



Approvals: CL, T(V). SIFSTEEL308L Si is our solid wire for MAG welding low carbon 18Cr10Ni austenitic stainless steel grades like AISI 304, 304L.

**TYPICAL WELD METAL COMPOSITION**

C	0.02 %
Si	0.8 %
Mn	1.5 %
Ni	10 %
Cr	21 %

**TYPICAL MECHANICAL PROPERTIES**

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

**MATERIAL TO BE WELDED**

Typical applications include all industries where similar materials (incl. higher carbon types) as well as ferritic 13% Cr Steels are used. SIFSTEEL 308LSi is also suitable for Nb (Cb) or Ti stabilised grades 347 and 321. Weld metal has an excellent resistance to general and intergranular corrosion (up to 350EC), good resistance to oxidising acids and cold reducing acids. Base materials to be welded: ASTM/AISI Grade 302, 304, 304L, 304LN, 321,347. WNr 1.4306, 1.4301, 1.4541, 1.4550, 1.4311, 1.4300. CrNi 18 10 and similar stainless steel grades.

**AVAILABLE FORMATS**

SPOOLED WIRE (MIG / GMAW)			
Dia	0.7kg	3.75kg	15kg
0.8mm	WO330807	WO330840	WO330815
1.0mm	WO331007	WO331040	WO331015
1.2mm	WO331207	WO331240	WO331215

Current :	DC = +
Shielding Gas :	M12-M13 = ArCO <sub>2</sub> -ArO <sub>2</sub>

For further information, contact Weldability | Sif technical support on **0870 330 7757** or email [service@wholeweld.co.uk](mailto:service@wholeweld.co.uk)



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