SIFMIG 308LSi
Stainless Steel MIG Wire

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

Typical applications include all industries where similar materials (including higher carbon types), as well as ferritic 13% Cr steels, are used. SIFMIG 308LSi Stainless Steel MIG Wire is our solid wire for MAG welding low-carbon 18Cr10Ni austenitic stainless steel grades. SIFMIG 308LSi Stainless Steel MIG Wire is also suitable for Nb (Cb) or Ti-stabilised grades 347 and 321. The weld metal offers excellent resistance to general and intergranular corrosion (up to 350°C), and good resistance to oxidising acids and cold reducing acids.

Base materials to be welded: ASTM/AISI grades 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.

Positions



For use in all positions.

Current DC=+
Shielding Gas M12/M13
($ArCO_2$ / ArO_2)

Available Formats

Dia.	1kg	5kg	15kg
0.8mm	WO330810	WO330850	WO330815
1.0mm		WO331050	WO331015
1.2mm		WO331250	WO331215

Typical Weld Metal Composition

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

Typical Mechanical Properties

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

Standards

EN ISO 14343-A: G 19 9 LSi
AWS A5.9 ER 308LSi
(BS 2901 308 S93)

CE