

TECHNICAL DATA SHEET



Super6 308LSi MIG

AWS A5.9 : ER 308LSi
EN ISO 14343 : G 19 9 LSi
Date 20.05.24 Revision 1

DESCRIPTION

A low carbon 20Cr -9Ni stainless steel filler wire suitable for the welding of austenitic material such as 18Cr-8Ni , AISI 304, 304L, 308 and 308L type of steels. Excellent corrosion resistance and good mechanical properties. Applications include pipe work, vessel production, food processing, chemical industries and general fabrication. The increased silicon content results in better weld pool fluidity giving a smooth deposit appearance.

WELDING POSITIONS

PA, PB, PC, PF, PE, PF2

CHEMICAL COMPOSITIONS

C	Mn	Si	Cr	Ni
0.030 MAX	1.60 2.50	0.65 1.00	19.50 22.00	9.00 11.00

MECHANICAL PROPERTIES

Yield Strength	≥ 350
UTS N/mm ²	≥ 520
Elongation A5 %	≥ 35%

AVAILABLE FORMATS

SPOOL				
Diameter	0.7kg	5.0kg	5.0kg	15kg
0.6mm	7183	7186	1.2mm 7189	0.8mm 7190
0.8mm	7184	7187		1.0mm 7191
1.0mm	7185	7188		1.2mm 7192

Shielding Gas	Argon 2% O ₂
Current Type	DC +

While all reasonable efforts have been made to ensure the accuracy of this information, it may change at any time and is only intended as general guidance.

TECHNICAL DATA SHEET



Super6 308L TIG

AWS A5.9 : ER 308L
EN ISO 14343 : W 19 9 LSi
Date 20.05.24 Revision 1

DESCRIPTION

A low carbon 20Cr -10Ni stainless steel filler wire suitable for the welding of austenitic material such as 18Cr-8Ni , AISI 304, 304L, 308 and 308L type of steels. Excellent corrosion resistance and good mechanical properties.
Applications include pipe work, vessel production, food processing, chemical industries and general fabrication.

WELDING POSITIONS

PA ,PB, PC, PF, PE, PG2, PF2

CHEMICAL COMPOSITIONS

C	Mn	Si	Cr	Ni
0.030 MAX	1.60 2.20	0.30 0.65	19.50 22.00	9.00 11.00

MECHANICAL PROPERTIES

Yield Strength	≥ 350
UTS N/mm ²	≥ 550
Elongation A5 %	≥ 35%

AVAILABLE FORMATS

TUBE				
Diameter	5.0KG			
1.6mm	7216			
2.4mm	7217			
3.2mm	7218			

Shielding Gas	Argon
Current Type	DC -

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