



MIGINOX 308L

GMAW STAINLESS STEEL

AWS A/SFA 5.9 ER308L

CLASSIFICATION:

EN ISO 14343-A
G 19 9 L

IS 5856
ES 20.10 L

KEY FEATURES:

- An extra low carbon 308L type stainless steel solid wire
- Excellent crack resistance
- Excellent corrosion & scaling resistance up to 800°C
- Resistance to intergranular corrosion
- Radiographic quality welds

APPROVALS: RDSO (Class VI)/NPCIL/CE

TYPICAL APPLICATIONS:

- Welding Cr-Ni steels represented by AISI 301, 302, 304, 304L, 308, 308L
- SS piping in refineries, oil and gas industries, chemical plants, food processing industries
- Fabrication of boilers, reactors, turbines, pipes, tubes

TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:


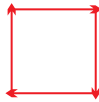
C	Mn	Si	Cr	Ni
0.027	1.7	0.4	19.7	9.2

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	As Welded	570	39

Mechanical properties will vary with the type of shielding gas used.

PARAMETERS - PACKING DATA:

Ø, mm	Kg/Spool		
0.8	12.5	 DCEP STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions 
1.2	12.5		
1.6	12.5		

Shielding Gas	Gas Flow Rate, LPM
98Ar + 2O ₂ or Ar/1-5CO ₂	15-22