



TIGINOX 308L

GTAW STAINLESS STEEL

AWS A/SFA 5.9 ER308L

CLASSIFICATION:

EN ISO 14343-A

W 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


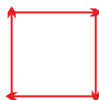
TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

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

PARAMETERS - PACKING DATA:

Ø x L, mm	Net Wt., Kg		
1.6 x 1000	20	 DCEN STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions 
2.0 x 1000	20		
2.4 x 1000	20		

Shielding Gas	Gas Flow Rate, LPM
Ar	10-15

Available in Standard carton packing of 20 kg box, containing 4 plastic tubes of 5 kg each.