



MIGINOX 308LSi

GMAW STAINLESS STEEL

AWS A/SFA 5.9 ER308LSi

CLASSIFICATION:

EN ISO 14343-A
G 19 9 LSi

KEY FEATURES:

- An extra low carbon 20Cr/10Ni type stainless steel solid wire
- High Si content improves wetting characteristics
- Resists intergranular corrosion
- Controlled ferrite content ensures excellent crack resistance
- Excellent corrosion & scaling resistance up to 800°C
- Radiographic quality welds

APPROVALS: 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
0.03	1.8	0.7	19.6	9.2


MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	EL%
Typical	As Welded	590	39

PARAMETERS - PACKING DATA:

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

All Positions



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