



MIGINOX 307

GMAW STAINLESS STEEL

CLASSIFICATION:

EN ISO 14343-A
G 18 8 Mn

KEY FEATURES:

- 18-8-Mn type stainless steel solid wire
- High work hardening characteristics
- Smooth operating characteristics
- Non magnetic weld deposit
- Good crack resistance

APPROVALS: CE

TYPICAL APPLICATIONS:

- Suitable for austenitic manganese steels and dissimilar metal welding
- Welding of manganese steels to carbon steels castings or forgings


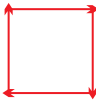
TYPICAL CHEMICAL COMPOSITION OF BARE SOLID WIRE, Wt %:

C	Mn	Si	Cr	Ni
0.05	5.3	0.7	18.5	8.0

MECHANICAL PROPERTIES OF ALL WELD METAL:

	Condition	UTS, MPa	YS at 0.2% offset, MPa	EL%
Typical	As Welded	600	500	28

PARAMETERS - PACKING DATA:

Ø x L, mm	Kg/Spool	 DCEP STORAGE / HANDLING : Keep dry and follow handling instructions mentioned on the box	All Positions
1.0	12.5		
1.2	12.5		
1.6	12.5		

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