

Nouvarc ER308L

AWS SFA 5.9 ER308L

Characteristics & Application

It is designed for welding of austenitic stainless steels type 19Cr 10Ni or similar.

This wire is suitable for welding titanium and niobium stabilized steels such as ASTM 321 and ASTM 347.

The higher silicon content will improve fluidity and minimize spatter, giving nicer bead appearance.

Welding Positions

All

Typical End Chemistry

C%	Mn%	Si%	Cr%	Ni%	S%	P%
0.03	1.75	0.94	19.74	9.91	0.03 max	0.03 max

Mechanical Properties

UTS N/mm ²	YS N/mm ²	ELONG %
600 min	430 min	38 min

[Values obtained with good operating conditions]

Shielding Gas

100% Ar (6-12 lpm)

Packing Particulars

Diameter of Wire : In mm 0.80 | 1.0 | 1.20 | 1.60 | 2.00

Packing Norms

Plastic Spools and Drum Pack in
12.5 Kg | 15 Kg | 100 Kg | 250 Kg