

Nouvarc ER316L

AWS SFA 5.9 ER316L

Characteristics & Application

Low carbon solid rod for joining of stabilized stainless steels (316, 316L, etc.) stabilized or not.

Applied in the chemical and petrochemical industries, refineries, food industries. Service temperature from -120°C up to +400°C.

Welding Positions

All

Typical End Chemistry

C%	Mn%	Si%	Cr%	Ni%	S%	P%	Mo%
0.020	1.80	0.45	18.60	12.40	0.01 max	0.02 max	2.80

Mechanical Properties

UTS N/mm ²	YS N/mm ²	ELONG %
650 min	450 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