

## NOVOFIL STAINLESS STEEL MIG WIRE AWS A 5.9 308 LSI

*The 308LSi is primarily intended for welding the low carbon 18%Cr / 10%Ni, type 304L, austenitic stainless steels. It is also suitable for stainless steel grade 304 material and the Nb or Ti stabilised grades 347 and 321, provided service temperatures for structural work are below 400°C. The higher silicon content provides a more fluid weld pool which may be preferred for certain welding applications.*

NORM: EN ISO 14343-A-G/W 19 9 L Si - WERKSTOFF. 1.4316

### MATERIAL TO BE WELD :

304/304L/304LN/ A 157 Gr C9/A 320 Gr B8C,D/CF3/CF8

### TYPICAL CHEMICAL CONTENT :

Mo	0.10-0.15
Cr	19.00-20.00
Ni	9.00-11.00
Mn	1.50-3.00
Si	0.10
Cu	0.10
C	0.02

### AWS A 5.9: ER308LSi

EN ISO 14343-A: G 19 9 L Si

Elongation	40 %
Impact Strenght Kv (+20°C)	>47 J
Tensile Strenght	590 MPa
Yeld Strenght	400 MPa

### TYPICAL MECH. PROPERTIES ALL WELD METAL

Impact Strenght Kv (+20°C)	110 J
Impact Strenght Kv ( - 60°C)	90 J
Impact Strenght Kv ( - 200 °C )	60 J

### Welding positions :

