



308L-16, 309L-16, 316L-16

STAINLESS STEEL

DESCRIPTION

A full line of all position rutile coating stainless steel electrodes **certified by the Canadian Welding Bureau (CWB)** for welding a wide range of stainless steel grades (301, 302, 304, 304L, 308, 308L, 309, 309L, 321, 347, 316, 316L, 317, 317L, 318, etc.)

CHARACTERISTICS

- **Certified by CWB to CSA W48-18**
- Conforms to specifications : AWS A5.4 and ASME SFA 5.4
- Excellent all position weldability
- Stable arc with low spatter
- Excellent on AC / DC+ power supply
- Low carbon filler metal
- Complete range of diameters available, even 1.6 mm and 2.0 mm for some references

MECHANICAL PROPERTIES

Tensile strength: Selectarc 308L-16 = >78 545 psi (> 540 MPa)
 Selectarc 309L-16 = >81 455 psi (> 560 MPa)
 Selectarc 316L-16 = >81 455 psi (> 560 MPa)

Elongation: Selectarc 308L-16 = > 35 %
 Selectarc 309L-16 = > 35 %
 Selectarc 316L-16 = > 35 %

WELDING SPECIFICATIONS

Selectarc 308L-16 = welding of stainless steel grades 301, 302, 304L, 308, 308L, 321 and 347

Selectarc 309L-16 = welding of stainless steel grades 309, 309L, 304, 304L, 308 and 308L

Selectarc 316L-16 = welding of stainless steel grades 316, 316L, 317, 317L and 318

WELDING PARAMETERS (stainless steels 300 series)

Diameter:	4.0 mm (5/32")	3.2 mm (1/8")	2.5 mm (3/32")	2.0 mm (5/64")	1.6 mm (1/16")
Amperage:	125 - 145 A	90 - 110 A	60 - 80 A	35 - 55 A	25 - 35 A

TIG rods also certified CWB: **Selectarc TIG 308L**, **Selectarc TIG 309L** and **Selectarc TIG 316L**.

MIG solid wires also certified CWB: **Selectarc MIG 308LSi**, **Selectarc MIG 309LSi** and **Selectarc MIG 316LSi**.

Flux cored wire also available: **Selectarc FC 308L-AP**, **Selectarc FC 309L-AP** and **Selectarc FC 316L-AP**.

Rév.: 21_08

Specialized welding alloys and technology. For technical assistance or for ordering: