

PRODUCT INFORMATION

STAVINOX 308L-16

AWS A:5.4: E308L-16
EN ISO 3581-A - E 19 9 L R 1 2

DESCRIPTION

STAVINOX 308L-16 is an LMA-type rutile-coated stainless steel MMA electrode that offers unmatched weldability without spatter and produces a self-peeling slag. It is renowned for its outstanding mechanical properties, setting the standard in its class, and is ideal for uninterrupted full-length welding with self-lifting slag and excellent re-strike capability.

WELDING POSITIONS



Suitable for AC and DC+ welding in all standard positions (PA, PB, PC, PD, PE, PF), with a stable arc and self-detaching, self-peeling slag.

TYPICAL WELD METAL COMPOSITION

C	0.04 Max	Cr	18.0-21.0
Si	1.00 Max	Ni	9.0-11.0
Mn	0.50-2.5	Mo	0.75 Max
S	0.03 Max	Cu	0.75 Max
P	0.04 Max		

TYPICAL MECHANICAL PROPERTIES

Tensile Strength	>520 N/mm²
Elongation	>30%

MATERIAL TO BE WELDED

STAVINOX 308L-16 is suitable for welding 18/8 type austenitic stainless steels (AISI 304/304L and similar grades), where low-carbon weld deposits are required. Root weldability verified; maximum wall thickness 40mm. Type of current: DC+ (G+). Material group per CR ISO 15608: Group 8.1 (without Mo/without N). Highest short-term operating temperature 350°C; lowest operating temperature -196°C, as for parent metal. Resistance to intergranular corrosion proven in accordance with EN ISO 3651-2 Method A. (Source: TÜV-Verband Welding Consumable Leaflet 20139.01, dated 08.11.2024.)

AVAILABLE FORMATS

RC3082520-SV	2.5mm 2kg VP
RC3083220-SV	3.2mm 2kg VP
RC3084020-SV	4.0mm 2kg VP

For further information, contact Weldability-SIF on +44 1462 482200 or email orders@weldability-sif.com



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