

SAFER G 38

TOP FEATURES

- Suitable for trade, small workshops, assembly applications
- Good striking and restraking characteristics.
- For small transformers, operates on low circuit voltage, good welding properties on AC current.

CLASSIFICATION

AWS A5.1 E6013
EN ISO 2560-A E 38 0 R 12

CURRENT TYPE

AC, DC-

WELDING POSITIONS

All position, except vertical down

APPROVALS

CE

+

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, ALL WELD METAL

C	Mn	Si	P	S
0.08	0.5	0.4	≤0.03	≤0.02

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Required	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) 0°C
AWS A5.1	AW	≥330	≥430	≥17	not specified
EN ISO 2560-A	AW	≥380	470-600	≥20	≥47
Typical values	AW	≥430	490-580	≥24	≥47

*AW: As-welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.5 x 300	60-90
3.2 x 350	110-135

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.5 x 300	CBOX	237	3.8	W000380900
3.2 x 350	CBOX	141	4.5	W000380901

TEST RESULTS

Test results for mechanical properties, deposit or electrode composition and diffusible hydrogen levels were obtained from a weld produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application or weldment. Actual results will vary depending on many factors, including, but not limited to, weld procedure, plate chemistry and temperature, weldment design and fabrication methods. Users are cautioned to confirm by qualification testing, or other appropriate means, the suitability of any welding consumable and procedure before use in the intended application

Safety Data Sheets (SDS) are available here:



Subject to Change – The information is accurate to the best of our knowledge at the time of printing.
Please refer to www.lincolnelectric.eu for any updated information.