

SAFER G 47N

TOP FEATURES

- Easy striking and restriking
- Stable arc with very low spatter and the slag is generally self-releasing
- Suitable for use with mains transformers.
- The weld beads are finely-rippled and clean, blending into the base plate without undercut.

CLASSIFICATION

AWS A5.1 E6013
EN ISO 2560-A E 42 0 RR 12

CURRENT TYPE

AC, DC-

WELDING POSITIONS

All position, except vertical down

APPROVALS

ABS	LR	BV	CE
+	+	+	+

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

C	Mn	Si
0.08	0.6	0.45

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	≥420	500-640	≥20	≥47
Typical values	AW	≥420	500-610	≥22	≥47

*AW: As-welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.5 x 350	65-90
3.2 x 350	100-140

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.5 x 350	CBOX	210	4.2	W000378933
3.2 x 350	CBOX	125	4.3	W000378939

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.