SAFER G 48N

TOP FEATURES

- Easy to use even for fillet weld in vertical down position
- Flat or slightly convex beads and easy slag removal
- Working on poorly prepared pieces, pipes, tubes, etc.

CLASSIFICATION

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

CURRENT TYPE

AC, DC-

WELDING POSITIONS

All positions

APPROVALS

LR	BV	CE
+	+	+

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

C	Mn	Si	P	S
0.07	0.6	0.4	≤0.03	≤0.03

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	≥420	500-550	≥24	≥47

* AW: As-welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
1.6 x 300	35-50
2.0 x 350	45-65
2.5 x 350	60-95
3.2 x 350	85-125
3.2 x 450	95-125
4.0 x 350	120-180
4.0 x 450	140-190

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
1.6 x 300	CBOH	240	1.6	W000384783
2.0 x 350	CBOH	160	1.9	W000384858
2.5 x 350	CBOH	120	2.1	W000384661
	CBOX	260	4.5	W000258557
3.2 x 350	CBOH	65	1.8	W000384660
	CBOX	160	4.4	W000258558
3.2 x 450	CBOX	160	5.6	W000258559
4.0 x 350	CBOX	105	4.5	W000258560
4.0 x 450	CBOX	105	5.8	W000258561

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.