SAFER GTI

TOP FEATURES

- Ideal for tack welding and short beads.
- Applications include mains transformers with low circuit voltage.
- Self-releasing slag.

CLASSIFICATION

AWS A5.1	E6013
EN ISO 2560-A	E 42 0 RC 11

CURRENT TYPE

AC, DC+

WELDING POSITIONS

All positions

APPROVALS

LR	BV	TÜV	CE
+	+	+	+

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

C	Mn	Si
0.08	0.6	0.4

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Required	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J)	
					+20°C	-10°C
AWS A5.1	AW	≥330	≥430	≥17	not specified	not specified
EN ISO 2560-A	AW	≥420	500-640	≥20	not specified	≥47
Typical values	AW	≥420	500-600	≥24	≥60	≥47

* AW: As-welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.0 x 300	50-65
2.5 x 350	70-95
3.2 x 350	100-135

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.0 x 300	CBOH	160	1.6	W000384860
2.5 x 350	CBOX	240	4.3	W000258572
3.2 x 350	CBOX	155	4.8	W000258573

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.