SAFINOX R 308L

TOP FEATURES

- Suitable for use with either AC [minimum OCV 50V] or DC positive.
- Easy arc striking and restriking.
- Efficiency 100%.

CLASSIFICATION

AWS A5.4	E308L-17
EN ISO 3581-A	E 19 9 L R 12

CURRENT TYPE

AC, DC+

WELDING POSITIONS

All positions

APPROVALS

ABS	BV	DNV	TÜV
+	+	+	+

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

C	Mn	Si	P	S	Cr	Ni	Ferrite
0.025	0.9	0.8	≤0.030	≤0.025	19.8	9.5	5-10

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Required	Condition*	0.2% Proof strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) +20°C
AWS A5.4	AW	not specified	≥520	≥30	not specified
EN ISO 3581-A	AW	≥320	≥510	≥30	not specified
Typical values	AW	≥320	≥520	≥35	≥60

* AW: As-welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.0 x 300	30-60
2.5 x 350	55-80
3.2 x 350	70-110

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.0 x 300	CBOX	315	3.8	W100288726
2.5 x 350	CBOX	187	4.0	W100288727
3.2 x 350	VPMD	55	1.9	W100288735
	CBOX	120	4.2	W100288729

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.