

# SUPRANOX 308L

## TOP FEATURES

- Easy arc striking and restriking.
- Efficiency 100%.
- Excellent operability. Particularly suitable for downhand butt and fillet welding applications.

## CLASSIFICATION

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

## CURRENT TYPE

AC, DC+

## WELDING POSITIONS

All position, except vertical down

## APPROVALS

ABS	BV	DNV	TÜV	DB
+	+	+	+	+

## 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

	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	445	600	47	73

\* AW = As welded

## OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
2.0 x 300	30-60
2.5 x 300	55-80
3.2 x 350	70-110
4.0 x 350	120-140

## PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
2.0 x 300	CBOX	340	3.8	W000375882
2.5 x 300	VPMD	90	1.7	W000375875
	CBOX	190	3.6	W000375886
3.2 x 350	CBOX	120	4.2	W000375888
4.0 x 350	CBOX	80	4.2	W000375891

## 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.  
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