

BASINOX 308H

TOP FEATURES

- Carbon content in the range of 0.04-0.08 provides higher tensile and creep strengths at elevated temperatures.
- Slag solidifies quickly, covers the weld uniformly
- Well-suited for positional welding.

CLASSIFICATION

AWS A5.4	E308H-15
EN ISO 3581-A	E 19 9 H B 22

CURRENT TYPE

DC+

WELDING POSITIONS

All position, except vertical down

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

C	Mn	Si	P	S	Cr	Ni	Ferrite
0.05	1.5	0.4	≤0.025	≤0.025	19	10	3-8

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	0.2% Proof strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J)	
					+20°C	-20°C
AWS A5.4	AW	not specified	≥550	≥30	not specified	not specified
EN ISO 3581-A	AW	≥350	≥550	≥30	not specified	not specified
Typical values	AW	450	600	44	85	50

AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2 x 350	70-120
4.0 x 350	110-140

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2 x 350	VPMD	65	2.1	W000287962
4.0 x 350	VPMD	45	2.2	W000287963

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.