

SUPERSAFOR 60

TOP FEATURES

- Used for hardfacing carbon steels and low alloy steels against abrasion by mineral particles and but exhibits limited resistance to impact and shock, the deposit is only machinable by grinding.
- Smooth, regular weld beads are deposited with only minimum penetration.
- The hardness cracks which typically appear in this weld metal are not detrimental to resistance against mineral abrasion.

CLASSIFICATION

AWS A5.1 E6013
EN ISO 14700-A E Z (Fe14)

CURRENT TYPE

AC, DC+

WELDING POSITIONS

Flat

APPROVALS

ABS	LR	BV	DNV	TÜV
+	+	+	+	+

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

C	Mn	Si	Cr	Fe
4.30	1	1	34	bal.

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

Required	Condition*	Hardness HRc
EN ISO 14700	AW	40-60

*AW: As-welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2 x 450	120-150
4.0 x 450	140-190

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2 x 450	CBOX	75	5.5	W000258796
4.0 x 450	CBOX	45	4.7	W000258797

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.