

FERROMATIC 160

TOP FEATURES

- Easy striking and restriking, low spatter loss and self-releasing slag.
- The weld bead is smooth with well blended toes, without undercut into the base plate.
- Can be welded in "touch" technique.

CLASSIFICATION

AWS A5.1 E7024
EN ISO 2560-A E 42 Z RR 7 3

CURRENT TYPE

AC, DC-, DC+

WELDING POSITIONS

Flat/Horizontal

APPROVALS

LR	DNV	RINA	TÜV
+	+	+	+

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

C	Mn	Si
0.1	0.9	0.45

MECHANICAL PROPERTIES, TYPICAL, ALL WELD METAL

	Condition*	Yield strength (MPa)	Tensile strength (MPa)	Elongation (%)	Impact ISO-V (J) 0°C
AWS A5.1	AW	≥400	≥490	≥22	not specified
EN ISO 2560-A	AW	≥420	500-640	≥20	≥47
Typical values	AW	475	560	26	59

* AW = As welded

OUTPUT RANGE

Diameter x Length (mm)	Current range (A)
3.2 x 450	105-140
4.0 x 450	160-220
5.0 x 450	240-320

PACKAGING AND AVAILABLE SIZES

Diameter x Length (mm)	Packaging	Electrodes/pack	Net weight/pack (kg)	Item number
3.2x450	CBOX	76	5.4	W000287242
4.0x450	CBOX	51	5.5	W000287243
5.0x450	CBOX	39	5.8	W000287244

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.