

# L50M

## TOP FEATURES

- A low carbon, high manganese, medium silicon submerged arc wire primarily designed to be used in multirun conditions.
- Capable of producing weld deposits with impact properties exceeding 27 J at -62 °C when used with fluxes such as 8500™, P240 or Lincolweld®842-H in As Welded and after post weld heat treatment conditions.
- Actual (Type 3.1) certificates for each lot of wire showing chemical composition are available.

## CLASSIFICATION

AWS A5.17                      EH12K  
EN ISO 14171-A                S3Si

## CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

C	Mn	Si
0.1	1.75	0.25

## PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.6	DRUM	600.0	FL50M-16-600AC
2.0	DRUM	300.0	FL50M-2-300AC
2.4	SPOOL	25.0	FL50M-24-25VCI
	DRUM	400.0	FL50M-24-400
3.2	SPOOL	25.0	FL50M-32-25VCI
	SPOOL	100.0	FL50M-32-100
	DRUM	400.0	FL50M-32-400
4.0	SPOOL	25.0	FL50M-4-25VCI
	SPOOL	100.0	FL50M-4-100
	REEL	300.0	FL50M-4-300
	DRUM	400.0	FL50M-4-400
	COIL	1000.0	FL50M-4-1T

## 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](http://www.lincolnelectric.eu) for any updated information.