

L61

TOP FEATURES

- Industry standard for submerged arc welding applications
- A low carbon, medium manganese, low silicon general purpose submerged arc electrode
- A good choice for a wide range of applications with single or multiple pass subarc welding

CLASSIFICATION

AWS A5.17 EM12K
EN ISO 14171-A S2Si

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

C	Mn	Si
0.1	1.0	0.25

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.6	SPOOL	25.0	FL61-16-25VCI
	DRUM	250.0	FL61-16-250
	DRUM	350.0	FL61-16-350
	DRUM	600.0	FL61-16-600AC
2.0	SPOOL	25.0	FL61-2-25VCI
	SPOOL	100.0	FL61-2-100
	DRUM	300.0	FL61-2-300AC
	REEL	300.0	FL61-2-300
	DRUM	350.0	FL61-2-350
	DRUM	500.0	FL61-2-500
	DRUM	600.0	FL61-2-600AC
	DRUM	1000.0	FL61-2-1000
2.4	SPOOL	25.0	FL61-24-25VCI
	REEL	300.0	FL61-24-300
	DRUM	350.0	FL61-24-350
	DRUM	400.0	FL61-24-400
	COIL	1000.0	FL61-24-1T
	DRUM	1000.0	FL61-24-1000
3.2	SPOOL	25.0	FL61-32-25VCI
	SPOOL	100.0	FL61-32-100
	REEL	300.0	FL61-32-300
	DRUM	350.0	105506
	DRUM	400.0	FL61-32-400
	DRUM	600.0	FL61-32-600SF
	COIL	1000.0	FL61-32-1T
	DRUM	1000.0	FL61-32-1000
4.0	SPOOL	25.0	FL61-4-25VCI
	SPOOL	100.0	FL61-4-100, FL61-4-100E
	REEL	300.0	FL61-4-300
	DRUM	350.0	105438
	DRUM	400.0	FL61-4-400
	DRUM	600.0	FL61-4-600SF
	COIL	1000.0	FL61-4-1T
	DRUM	1000.0	FL61-4-1000
4.8	SPOOL	25.0	FL61-48-25VCI
	SPOOL	100.0	FL61-48-100

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.