

OE-S2

TOP FEATURES

- Primary choice as a general purpose wire
- Used on 355MPa grade or below
- Lower Si content than OE-SD2

CLASSIFICATION

AWS A5.17 EM12K
EN ISO 14171-A S2

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

C	Mn	Si	P	S
0.1	1	0.12	≤0.025	≤0.025

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
1.6	SPOOL	16.0	W000285014
	SPOOL	25.0	OES2-16-25VCI
	DRUM	600.0	OES2-16-600AC
2.0	SPOOL	16.0	W000285017
	SPOOL	25.0	OES2-2-25VCI
	REEL	300.0	OES2-2-300MR
	DRUM	400.0	OES2-2-400
	DRUM	600.0	OES2-2-600AC
2.4	SPOOL	25.0	OES2-24-25VCI
	DRUM	400.0	OES2-24-400
	DRUM	600.0	OES2-24-600AC
	DRUM	1000.0	OES2-24-1000
3.2	SPOOL	25.0	OES2-32-25VCI
	SPOOL	100.0	OES2-32-100
	DRUM	300.0	OES2-32-300E-CCW
	DRUM	400.0	OES2-32-400, OES2-32-400-CCW
	COIL	1000.0	OES2-32-1T-CCW
4.0	SPOOL	25.0	OES2-4-25VCI
	SPOOL	100.0	OES2-4-100
	DRUM	300.0	OES2-4-300E-CCW
	DRUM	400.0	OES2-4-400, OES2-4-400-CCW
	COIL	700.0	W000278289
	COIL	1000.0	OES2-4-1T, OES2-4-1T-CCW, OES2-4-1TSP, OES2-4-1TSP-CCW
	DRUM	1000.0	OES2-4-1000
4.8	SPOOL	25.0	OES2-48-25VCI
	SPOOL	100.0	OES2-48-100

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.
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