65NiCu SAW

TOP FEATURES

- Nickel-copper alloy based on alloy 400 with raised levels of manganese and titanium to suppress hot cracking and porosity

CLASSIFICATION

AWS A5.14M	ERNiCu-7
EN ISO 18274	SNI4060

TYPICAL APPLICATIONS

- Heat Exchangers
- Piping
- Vessels and evaporators

CHEMICAL COMPOSITION (WEIGHT %), TYPICAL, WIRE

	C	Mn	Si	S	P	Ni	Cu	Ti	Fe	Al
Min.	-	3.0	-	-	-	62.0	28.0	1.5	-	-
Max.	0.15	4.0	1.2	0.015	0.020	69.0	32.0	3.0	2.5	1.2
Typical	0.03	3.2	0.2	0.005	0.005	64.0	29.0	2.2	<1	0.1

PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
2.4	SPOOL	25.0	SA65NICU-24

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.