

# ER309Mo

## TOP FEATURES

- Low carbon austenitic stainless steel wire suitable for dissimilar welding applications

## CLASSIFICATION

EN ISO 14343-A S 23 12 2 L

## TYPICAL APPLICATIONS

- Buffer layers and clad steels
- Dissimilar joints
- Hardenable steels

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

	C	Mn	Si	S	P	Cr	Ni	Mo	Cu	FN
Min.		1.0	0.30			21.0	11.0	2.0		5
Max.	0.03	2.5	0.65	0.02	0.030	25.0	15.5	3.5	0.3	20
Typical	0.015	1.7	0.5	0.005	0.015	22	14.5	2.7	0.2	10

## PACKAGING AND AVAILABLE SIZES

Wire diameter (mm)	Packaging	Weight (kg)	Item number
2.4	SPOOL	25.0	SAER309MO-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](http://www.lincolnelectric.eu) for any updated information.