

STRONG FCAW E309LMO

CLASSIFICATION: AWS SFA 5.22 E309LMoT1-1/4

STAINLESS STEEL FLUX CORED ARC WELDING WIRE



CHARACTERISTICS

STRONG FCAW E309LMO is an all-position, flux-cored wire designed for MAG welding of low carbon 23%Cr-13%Ni-2.5%Mo stainless steels. The presence of molybdenum provides pitting resistance in a halide environment and helps provide high temperature ductility in dissimilar joints. This wire is used to join stainless steel to carbon and low alloy stainless steel to carbon / low alloy steels for service below 300°C, and for overlaying of carbon and low-alloy steels.

APPLICATIONS

STRONG FCAW E309LMO is designed for welding in the pulp and paper industry, chemical processing equipment, food & beverage equipment and in marine, chemical and petroleum industries requiring high strength and resistance to pitting and stress corrosion.

TYPICAL WELD METAL CHEMISTRY (%)

C	Mn	Si	P	S	Cr	Ni	Mo
0.04 MAX	0.50- 2.50	1.00 MAX	0.03 MAX	0.04 MAX	21.0- 25.0	12.0- 16.0	2.0-3.0

ALL WELD MECHANICAL PROPERTIES

Required as per AWS 5.22	Y.S. MPa	U.T.S. MPa	ELONGATION %
Typical Results As Welded	495	655	34

PACKAGING SPECIFICATIONS - FCAW

DIA SIZE 1.20MM / 1.60MM

SPOOL WEIGHT 12.5KGS