

Specifications:

AWS A5.4
AWS E309LMo-16
ASME SFA 5.4
UNS W30923

Properties:

Tensile Strength: 75,000 psi min.
Elongation: 30% min.

Description:

WT 309LMo-16 is an electrode that is available in -15, -16, -17 coating. This electrode was created to best weld metals requiring a 309L analysis but needing the molybdenum component. WT 309LMo-16 has a low carbon content to reduce the likelihood of intergranular corrosion, as well as increase the ferrite content. This electrode was designed to weld stainless steel to other types of steel and for depositing buffer layers when welding acid-resisting clad steels.

Available in multiple sizes and diameters.

Chemical Composition (Wt%):

Si	Mn	Cu	Mo	S	Ni	Cr	P	C
1.0	0.5-2.5	0.75	2.0-3.0	0.03	12.0-14.0	22.0-25.0	0.04	0.04

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.