

Specifications:

AWS A5.4
 AWS E310-16
 ASME SFA 5.4
 UNS W31010

Properties:

Tensile Strength: 80,000 psi min.
Elongation: 30% min.

Description:

WT 310-16 is used to weld stainless steel of similar composition in cast and wrought form. It may also be used for surfacing low alloy steels where 310 deposit is required. The exceptional resistance to oxidation and high temperature toughness make this electrode well suited for welding in chemical processing plants. WT E310 is available in -15 and -16 coating.

Available in multiple sizes and diameters.

Chemical Composition (Wt%):

Si	Mn	Cu	Mo	S	Ni	Cr	P	C
0.75	1.0-2.5	0.75	0.75	0.03	20.0-22.5	25.0-28.0	0.03	0.08-0.20

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.