

Specifications:

AWS A5.22
E308LT1-1; E308LT1-4
ASME SFA 5.22
UNS W30835

Properties:

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

Description:

WT 308H-T1 is stainless steel, flux-cored and gas-shielded. It is often used to join 301, 302, 304L, 308L and 321, 347 at temperatures below 500F°. It has a lower carbon content and no stabilizers, Nb or Ti, which allows for an increased resistance to intergranular corrosion. WT 308HT-1 is often used in welding in the chemical, paper, and textile industry.

Chemical Composition (Wt%)

Si	Mn	Cu	Mo	S	C	Cr	Ni	P
1.0	0.50-2.5	0.75	0.75	0.03	0.04	18.0-21.0	9.0-11.0	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.