

Specifications:

AWS A5.22
E308HT1-1; E308HT1-4
ASME SFA 5.22
UNS W30831

Properties:

Tensile Strength: 80,000 psi min.
Yield Strength: 59,000 min.
Elongation: 30% min.

Description:

WT 308H-T1 is stainless steel, flux-cored and gas-shielded. It has a higher carbon content allows for an increase in tensile and creep strength at elevated temperatures. WT 308HT-1 is often used in welding in the petrochemical industry. It has small spatter, minimal weaving which will give a flat, well-washed bead.

Chemical Composition (Wt%)

Si	Mn	Cu	Mo	S	C	Cr	Ni	P
1.0	0.50-2.5	0.75	0.75	0.03	0.04-0.08	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.