

**Specifications:**

AWS A5.4  
AWS E308/308L (-15,-16,-17)  
ASME SFA 5.4  
UNS W30810/ W30813

**Properties:**

**Yield Strength:** 60,000 psi  
**Tensile Strength:** 85,000 psi  
**Elongation:** 46%

**Description:**

With a maximum 0.04% carbon content, E308/308L-16 reduces possible intergranular carbide precipitation and increases the resistance to intergranular corrosion. Used for welding similar materials such as AISI grade 301, 302, 304, and 305. Ideal choice for structural welding, food, pharmaceutical, and brewery equipment applications.

Available in multiple sizes and diameters. Also available in -15, -16, -17 coating.

**Chemical Composition (Wt%)**

Si	Mn	Cu	Mo	S	Ni	Cr	P	C
0.90	0.5-2.5	0.75	0.75	0.03	9.0-11.0	18.0-21.0	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.