

Specifications:

AWS A5.4
 AWS Class E320LR (-15,-16)
 ASME SFA 5.4
 UNS W88022

Properties:

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

Description:

E320/320LR-16 produces a high quality weld deposit which reduces weld metal fissuring while maintaining corrosion resistance frequently encountered in fully austenitic stainless steel weld metals.

0.005"	0.007"	0.010"
0.015"	0.020"	0.025"
0.030"	0.035"	0.045"
3/32"	1/16"	1/8"
5/32"	3/16"	

Available in multiple sizes and diameters

Chemical Composition (Wt%)

Si	Mn	Cu	Mo	S	Ni	Cr	P	C	Nb+Ta
0.30	1.5-2.5	3.0-4.0	2.0-3.0	0.015	32.0-36.0	19.0-21.0	0.020	0.03	(8 x C) min-0.4 max

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.