

Alloy X DATA SHEET

AWS Class A5.14

AWS ERNiCrMo-2, ASME SFA-5.14

UNS N06002

AMS 5798

DEPOSIT COMPOSITION

Ni	Fe	Cu	Mn	Si	S	C	Cr	Mo
Balance	17.00-20.00	0.50 max	1.00 max	0.50 max	0.03 max	0.05-0.15	20.50- 23.00	8.00- 10.00
W	Co	P						
0.20-1.00	0.50-2.50	0.04 max						

The deposited weld metal of Alloy X has an exceptional combination of oxidation resistance, fabricability, and high temperature strength. This filler metal is also extremely resistant to stress corrosion cracking. This filler metal is an ideal choice for welding of dissimilar nickel based alloys and NiFeCr.

Diameters

0.030"	0.035"	0.045"
3/32"	1/16"	1/8"
5/32"	3/16"	

Available in TiG cut length, MiG spools, and coil forms

Maximum Tensile Strength: 950,000 psi

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 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210. SDS' may be obtained at the website below.