

L605 DATA SHEET

UNS R30605

AMS 5796

DEPOSIT COMPOSITION

Ni	Fe	W	Mn	Si	S	C	Cr	P
9.00-11.00	3.00 max	14.00-16.00	1.00-2.00	1.00 max	0.03 max	0.05-0.15	19.00-21.00	0.04 max
Co								
Balance								

The deposited weld metal of this alloy has excellent strength, good oxidation and wear resistance.

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: 140,000 psi

Percent Elongation in 2": 40%

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.