Waspaloy DATA SHEET

UNS N07001
AMS 5828

DEPOSIT COMPOSITION

Ni	Fe	Cu	Mn	Si	S	C	Cr	Mo
Balance	**2.00 max**	**0.10 max**	**0.10 max**	**0.10 max**	**0.010 max**	**0.02-0.10**	**18.00-21.00**	**3.50-5.00**
P	**Co**	**Al**	**Ti**	**B**	**Zr**			
0.0010 max	**12.00-15.00**	**1.20-1.60**	**2.75-3.50**	**0.003-0.010**	**0.04 max**			

Weld metal deposits of this filler metal have excellent strength in the 1000°F-1800°F temperature range. Waspaloy is commonly used for critical gas turbine engine components.

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

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.