ERTi-7
Data Sheet

Specifications:	Properties:
AWS A5.16 ERTi-7 ASME SFA A5.16 ERTi-7 UNS R52401	**Tensile Strength:** 50,000 psi **Yield Strength:** 40,000 psi **Elongation:** 20%

Description:

ERTi-7, Titanium Grade 7 is similar to Grade 2, with the addition of the element palladium (Pd). The added element of palladium creates a strong corrosion resistance at a low density. ERTi-7 can be used to weld titanium base metals of similar composition such as 2, 16, and 26. This alloy is typically used in applications of valves, heat exchangers, piping and fittings.

Available in multiple sizes and diameters in wire and spool.

Chemical Composition (Wt%):

Fe	O	C	N	H	Ti	Pd
0.12	0.08-0.16	0.03	0.015	0.008	BAL	0.12-0.25

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 CRF 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.