

Specifications:

AWS A5.16 ERTi-9
ASME SFA A5.16 ERTi-9

Properties:

Tensile Strength: 90,000 psi
Yield Strength: 70,000 psi
Elongation: 14%

Description:

ERTi-9, Titanium Grade 9 is used to weld base metals where a lower tensile is needed and the application requires superior weldability and ductility. ERTi-9 is often used in applications in pressure vessel frames, oil production, aircraft honeycomb foil and sports equipment.

Available in multiple sizes and diameters in wire and spool.

Chemical Composition (Wt%):

Fe	O	C	N	H	Ti	Al	V
0.20	0.06-0.12	0.03	0.012	0.005	BAL	2.5-3.5	2.0-3.0

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.