

Specifications:

AWS A5.16 ERTi-4
AMS 4951

Properties:

Tensile Strength: 80,000 psi
Yield Strength: 70,000 psi

Description:

ERTi-4, Titanium Grade 4 is the strongest of the commercially pure grade titanium. ERTi-4 is the highest strength of the commercially pure alloys. Ideal for high strength, high corrosion resistant applications such as airframes, cryogenic vessels, heat exchangers, and surgical hardware.

Available in multiple sizes and diameters

Chemical Composition (Wt%):

Fe	O	C	N	H	Ti
0.25	0.18-0.32	0.03	0.025	0.008	BAL

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.