

<p><b><u>Specifications:</u></b></p> <p>AWS A5.16 AMS 4951 ASME SFA 5.16 ASTM F 67 Grade 1</p>	<p><b><u>Properties:</u></b></p> <p><b>Tensile Strength:</b> 50,000 psi <b>Yield Strength:</b> 25,000 psi <b>Elongation:</b> 35%</p>
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**Description:**

ERTi-1 is commonly referred to as commercially pure (CP) titanium. ERTi-1 is commonly used for welding applications that call for higher temperature resistance and resistance to chemical reagents. This wire is a soft and ductile titanium containing excellent corrosion resistance and impact toughness. This alloy is a prime choice for applications in aerospace, architecture, power generation, medical equipment, hydro-carbon processing, marine components, exhaust pipe components, desalination, chemical processing, and motorsports.

Available in multiple sizes and diameters in bar, sheet, wire, billet, tubing, plate and strip.

**Chemical Composition (Wt%):**

Ti	O	Fe	H	C	N
REM	0.03-0.10	0.08	0.005	0.03	0.012

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.